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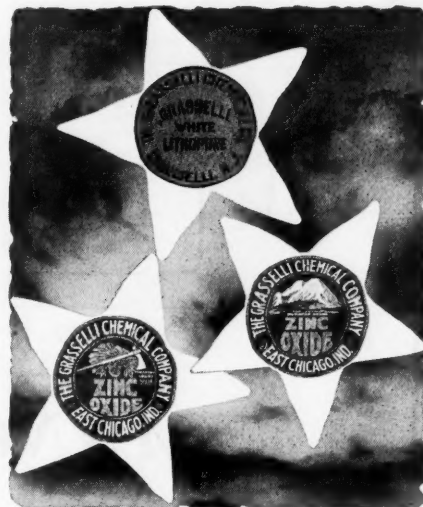
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# DRUG & CHEMICAL MARKETS

VOL XVIII

NEW YORK, FEBRUARY 25, 1926

No 8

## Fixing Resale Prices

**V**ERY few business men approve wholeheartedly of the Federal Trade Commission. It has meddled too much and muddled so often that all its actions call forth mingled praise and blame. Amid heartrending wails it haled to Washington last week a group of New York retail druggists on the charge that their activities against manufacturers of medicinal and toilet preparations who sell to price-cutters constitutes unfair competition. Why this wicked persecution of the small retailer, struggling for a legitimate profit on his sales, against the wicked chain-store and the unscrupulous department store? Well, why not?

**B**ALDLY stated the activities of the New York Pharmaceutical Conference are nothing more nor less than business blackmail supported by boycott. Their famous "courtesy cards" are—or would like to be—licenses from buyers permitting sellers to do business. Stripped of sentimentalism, which the smaller retailer, like the farmer, enjoys, much of the campaign for compulsory price maintenance is of a character that would send the executives of any strong association of manufacturers to the federal penitentiary.

**I**N ninety-nine cases out of a hundred, from the point of view of the manufacturer, the jobber, or the retailer, the policy of price maintenance is sound; but it is a question of policy, not of morals, a matter to be governed by the laws of economics,

not regulated by the laws of the land. If Mennen and Colgate and Armand decide that it is good business for them to maintain the jobbing and retail prices of their goods, they should be allowed to do so. Some more simple, certain, and direct method of this control should be established by law. But if other manufacturers decide they do not care what discounts jobbers give on their goods and if they are indifferent what cut prices are offered to the public, it is nobody's business but their own. Lily may build up his business by advertised discounts through legitimate jobbers; but Betz has equal right to sell to physicians direct.

**O**BVIOUSLY, the retailer is involved in the matter of retail prices; but in the final analysis it is a matter of policy for the manufacturer to settle for himself. To invoke the interference of the law is to tamper foolishly with the tremendous and irresistible forces of economics. To raise a smoke screen about the protection of the public, the dangers of substitution, or the rights of the retailer is simply bosh and nonsense. To force an issue by means of propaganda and boycott is the plainest kind of restraint of trade. The problem of the control of resale prices belongs to the maker of the goods involved. His are the risk and the responsibility. Its solution must rest with him. His own business interest is the best surety that he will find a sound and sensible answer to the question.

### ALCOHOL TRADE ASSOCIATION

The week has witnessed the final organization of another trade association serving in the chemical and drug industries. This newest member of the brotherhood, covers a field that has long needed some organized co-operation on account of the nature of the product handled, the close Government supervision, and the widespread misinformation so freely circulated about the industry in general. The alcohol distributors have long labored under peculiar difficulties many of which are the result of the use of their product not only as a solvent, but also as an intoxicant, but a great part of which result from the popular misconception of the real need for alcohol in industry. As a clearing house for the detailed problems involved in alcohol administration, and a definite point of contact between the industry at large and Department of Internal Revenue, such an association should be invaluable. One main purpose of this association, therefore, is to be public education as to the difference between industrial alcohol and illicit liquor. While a certain amount of the former is diverted to the latter, the proportion, according to Government estimates does not exceed 1 per cent, and the sooner the general public divorces the idea of industrial alcohol from the boot-leg trade, the better for the industry and the easier should be the administration of an equitable regulation of that industry.

### RESEARCH REWARDED

A fungicide for a disease that attacks the roots of apple trees has been discovered by the pathologists of the Bureau of Plant Industry, United States Department of Agriculture. The problem was to decide upon a dosage which would kill the bacteria, but not injure the true roots. The new fungicide has been named Semesan.

The experimenters used a mercury treatment on more than 2,500 grafts on different varieties. The tests began in 1909. The seedling graft business amounts to nearly \$4,000,000 annually. The method of propagating seedlings has not yet been duplicated in the United States and the seedlings originate in France but are universally used by nurserymen in this country.

Competition in the European borax market has brought a reduction in the prices quoted by English companies and their branches on the Continent, particularly a French company which is pushing sales in competition with American borax. The United States product meets many handicaps although France has no borax tariff. The question of exchange impedes sales, but deliveries are prompt.

Now that the coal strike is settled the determination of consumers to cover their requirements ahead and fill their cellars to the bursting point during April and May is voiced on all sides. It looks like a very prosperous year for the mine operators, and this condition will probably prevail for the next five years until the opportunity to

teach the consumers a lesson will again present itself. Too bad that the chemical industry's conscience won't permit them to follow a similar course, or if their conscience is really calloused the Federal Trade Commission will step in. There is nothing like creating a demand although the coal operators methods are perhaps a bit too strenuous.

## Ten Years Ago

(From "Drug & Chemical Markets," Feb. 23, 1916)

The growing scarcity and high cost of the cultivated cinchona bark of Java have directed attention to the original source of supply of this medicine, namely the countries situated in the northwestern part of South America—Colombia, Ecuador, Peru and Bolivia.

Photographic chemicals, for the most part, are produced in Germany, and since the interruption of commercial relations between the United States and Germany, the growing scarcity of these articles has been reflected in the enormous prices demanded for them, quite a number having reached a point just under the prohibitive point, where they remained until supplies were exhausted.

In the annual report of H. K. Mulford Co. is found an example of the large business which many manufacturers of pharmaceutical preparations have been doing as a result of the European war. Sales of this stock, which could be obtained only a few months ago at \$50 a share, were made at auction, last week, at \$85 to \$90 with \$95 asked in some instances.

A protective tariff on dyestuffs, as contemplated in the Hill bill now pending in Congress, will tend to increase present costs instead of lowering them, according to Herman A. Metz, who declared that legislation will be of no particular advantage at this time because of our inability to secure acids and benzol. "But after the war" he said, "we will be able to get these for practically nothing."

NO LONGER PARTICULAR



—N. Y. Evening Post



## Diversity of Glycerin Consumption

### *A Brief Analysis of the Various Uses to Which Glycerin is Put, With the Reasons for Its Utility in These Fields and Study of Recent Production*

**T**HE world's supply of glycerin is derived from two comparatively large industries, in both of which it is a by-product that was at one time allowed to go to waste. Practically the whole production in this country is made by the soap manufacturers while most of that that is imported from Europe is produced by candle makers, although a fair proportion of that also comes from soap makers over there. There is one other possible source of glycerin but that has not been exploited so far, as it has not been economically practicable.

Like any number of other organic substances, glycerin can be produced by a fermentation process but with so much glycerin produced naturally as a by-product, this process has not been developed to a point where it can compete successfully in the markets of the world.

In connection with the candle by-product glycerin, it is interesting to note, that the price of glycerin has fallen quite sharply in the early spring of every year up to the present time from the time when records of price movements have been kept. This is true without exception, even in the war years when glycerin was commanding a premium. There

are several factors that might well contribute to this condition, but one of the leading refiners has a pet theory that it is due to an unusual amount of glycerin produced by the candle makers of Southern Europe during the Lenten period when the demand for the primary product is presumably at its height. Whether that is the fact or not, it affords an interesting field for speculation, and sounds logical.

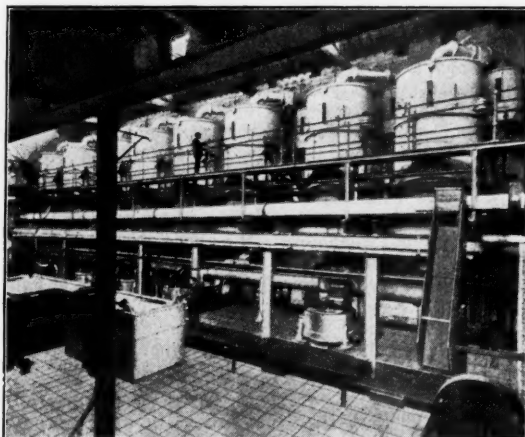
#### Various Grades Offered

The glycerin as it appears on the market is not that which is produced directly in the manufacture of soap or candles, but has been refined to a certain degree of purity. The largest of the soap producers refine the glycerin themselves and sell it in the refined forms, while the smaller manufacturers, evaporate their spent lye from about 4 per cent glycerin to 80-88 per cent glycerin. This they sell to refiners who purify the glycerin and market it to the consumers. The refiners buy two grades of crude glycerin which are determined principally by the grade of soap which is made and hence the nature of the impurities in the residue. Soap lye is spent lye which has been evaporated to 80 per cent

or more of glycerin with some of the impurities removed and contains up to 10 per cent of ash and about 3 per cent organic residue. Saponification glycerin contains about 1 per cent ash and the same amount of organic residue with at least 88 per cent of glycerin.

Refiners take the crude and evaporate and purify it still further to produce two principal grades, C. P. and dynamite glycerin. C. P. contains at least 95 per cent pure glycerin with the remainder water, while dynamite contains 98½ per cent of pure glycerin but

allows of certain impurities other than water. Thus C. P. glycerin is a clear colorless liquid, while dynamite has a yellowish or light brown color. The C. P. grade is required for all food, drink, medicinal and other uses where it goes into the human system, while the dynamite grade, as its name implies goes principally to powder manufacturers, with a good side line of other manufacturing purposes where it does not enter into human consumption.



Interior of a Glycerin Recovery Plant Showing Multiple Evaporators With Salt Extracting and Conveying Equipment

#### Reasons for Glycerin's Popularity

Outside the field of explosives, glycerin owes its popularity and wide variety of uses to three principal factors. In the first place comes its hygroscopic tendency combined with non-volatility. Then, being a trihydric alcohol it serves better than grain alcohol, a monohydric alcohol, as a preservative and also is almost a universal solvent as far as pharmaceutical preparations go. Its use in medicine depends principally on the latter qualities. Being a good solvent, and having a sweetish taste of its own, it can replace grain alcohol and sugar in medicines where they are used as solvent and sweetener. In addition, it is heavier and adds weight to medicines sold by bulk. Invert sugar has been tried for that purpose, but it has distinct disadvantages. In the first place it has no preserving qualities, but is itself subject to turning rancid and it is also liable to crystallization. So this solvent action, with the sweetening ability of glycerin, together with its preserving ability makes it an ideal carrier for medicines and pharmaceutical preparations.

Its principal advantage in the toilet preparation and other manufacturing purposes lies in the fact that it is hygroscopic. One of the largest consumers, outside the dynamite producing trade, is the tobacco industry. By the use of glycerin, cigars, chewing tobacco and

pipe tobacco are kept at least partially moist. Not only does the tendency to draw water to itself make glycerin useful in this respect, but also the fact that it is not easily volatile, keeps it present in the tobacco, where other moisteners would evaporate and leave the tobacco dry. This same characteristic is utilized in marketing shredded coconut, various toilet creams, printers' rollers and any composition that must remain moist in order to function properly. Shoe polish is made from carnauba wax and glycerin where the glycerin serves to keep the paste material soft. Cork liners of bottle caps are treated with glycerin to keep them from becoming hard and brittle. Gummed labels, and envelope flaps are kept from becoming brittle by the addition of glycerin to the glue or gum which is used for sticking purposes. Glycerin is mixed with rosin to form varnish esters which are being substituted for natural Kauri gum in the manufacture of varnishes.

#### Odd Uses for Glycerin

Other uses for glycerin which might not be suspected are numerous. Doll's complexions are made from a mixture of glycerin, glue and zinc oxide, which produce the almost natural finish now obtained on dolls' faces. Soft drinks use large quantities of C. P. glycerin, one of the well-known preparations buying over a million pounds a year. The many ways in which glycerin comes into the daily life of the average man, would afford an interesting story in itself. Glycerin has a deteriorating effect on rubber and as this action can be controlled, it is used largely in the manufacture of rubber tires where the rubber has to be disintegrated to a certain point in order to make good tires. A growing use for glycerin has been as an anti-freeze fluid to add to the water in automobile radiators. It does not evaporate as rapidly as alcohol, which has held the supremacy in this field, and producers claim that its hygroscopic tendencies prevent the water itself from evaporating as rapidly as it would alone. Strange as it may seem, glycerin is put back into certain soaps, notably transparent soaps. It is also used in dyeing and certain textile finishing processes.

#### Production Estimates

The production of glycerin in the United States last year has been estimated by reliable authorities at about ninety to ninety-five million pounds of refined glycerin, (C. P. and dynamite). Imports for the same period are placed at about twenty-three million pounds of crude and one and a half million pounds of dynamite glycerin. About forty million pounds went into powder or explosive manufacture and about the same into C. P. grades. The anti-freeze market is estimated to have used something like ten to fifteen million pounds this winter, with the probability that the higher figure is more nearly correct. Of the C. P. grade used last year, nearly half was taken by the tobacco people, with soft drink and medicinal manufacturers looming large in the field.

The price during the last year showed a remarkable advance within the last three months of the year. This is attributed generally to the pushing by some of the larger soap manufacturers of the anti-freeze market at a time when regular consumers were coming in for their contracts. This rise was the most radical noted in a number of years. This time, also, consumers have contracted for supplies for some time ahead, and the market now is exceedingly quiet. While makers have been successful, to a limited extent, in holding the market at its present level, the annual spring break seems not only possible but probable. Some interests have been inclined to attribute the advance of the close of the year, to the fact that war-time stocks of

explosives have finally become exhausted and re-opened that market. Other interests are inclined to ridicule that idea, pointing out that any surplus gathered during the war, should have been exhausted long ago.

#### GIVE LONG CREDITS ON DRUGS IN PERU

##### Foreign Manufacturers Grant Longer Time Than American—Buyers Insist on Quality and Are Not Much Influenced By the Price—Many Crude Drugs Exported From Peru

Peru exports many crude drugs, writes Assistant Trade Commissioner W. N. Pearce, Lima. They are: Cascarilla. Used to a great extent in the preparation of malaria remedies.

Coca. Principally produced in the Department of Cuzco. Coca is also produced in the coastal Department of Libertad, but is of an inferior grade. Used extensively for stomach disorders and diseases of the nervous system.

Eucalyptus globulus. Used to some extent for colds, catarrh, and other nasal infections.

Humamripa. Used to a limited degree for pulmonary diseases.

Ratania. Used as an astringent.

Linaza. For treatment of stomach and intestinal inflammation.

Among the favorable factors recognized and granted by European exporters in their dealings on the Peruvian market and which may well be heeded by American manufacturers and exporters may be mentioned, longer terms of credit, proper and consistent packing, and a desire to please and cater to the individual wants of their customers within reasonable limits. Attention to the above requisites and a continuance of the recognized quality and standards of American pharmaceutical preparations will go a long way toward the expansion and growth of the former country's present trade. A characteristic of the pharmaceutical trade in Peru, unlike many other lines, is that quality and not price is the prime consideration.

#### ANDREWS FAVORS PROHIBITION INQUIRY

Assistant Secretary Andrews is said to favor the sale of medicinal whiskey by the Government, but Secretary of the Treasury Mellon is opposed to the plan. Mr. Andrews also favors an inquiry into the social and economic effects of prohibition.

The inquiry, General Andrews said, would put the Treasury Department in a position to answer foreign nations which constantly asked as to the results of "our sociological experiment."

"The department is embarrassed," General Andrews said, "in that it can not answer these questions with any accuracy."

Consolidated Lead and Zinc Co. will be merged with Underwriters Land Co. on the basis of one third share of Class B stock and 1% shares Class A stock of the new company for each share of Consolidated. Outstanding issues will amount to 175,000 shares out of 275,000 Class A authorized and 25,000 shares of Class B, all of authorized issue. Voting power will rest with the Class B stock, the majority of which will be held by Eagle-Picher Co. Stockholders will be given opportunity to buy or sell fractional parts on the basis of \$27.50 a share for both classes of stock.

American Cyanamid Co. has closed an agreement with Azote Francais obtaining exclusive manufacturing rights in Canada, United States, South America and Australia, for the cyanamide manufacturing process owned by Azote Francais. Production of the American company, which now totals 80,000 tons annually, will be quadrupled.



# Recent Chemical Additions to Medicine

## List of Introductions in 1925 as Compiled by British Firm Includes Many Synthetic Organic Preparations

New medicinal remedies introduced during the period from November 1, 1924 to October 31, 1925, as compiled by the "Chemist and Druggist Diary," London, for 1926, show an increasing tendency toward synthetic organic compounds, chiefly derived from coal-tar products as opposed to derivatives of plant and mineral salts. The following list gives the names of the newly introduced products together with brief notes as to their constitution and uses.

**Albert 102**—A spirochaeticide, containing 20 per cent of arsenic.

**Allisatin**—The active principles of *Allium sativum* in the form of a combination with carbon. Used in the treatment of diarrhoea and dyspepsia. Used in tablets.

**Aurophos**—Described as a gold and sodium double salt of an aromatic phosphorous acid with thiosulfate, intended for the treatment of tuberculosis.

**Borocaine**—The borate of di-ethylamino-ethyl-o-aminobenzoic acid; a non-toxic and non-irritant local anesthetic. Issued in tablets of 0.02 and 0.1 gram.

**Camphogen**—Ampoules containing a 2 per cent solution of camphor in water in addition to 25 per cent sodium salicylate and 15 per cent acet-diethylamide.

**Caprokol**—Hexylresorcinol.

**Cardiazol**—Pentamethylenetetrazole; a white crystalline powder, readily soluble in water. Given as a substitute for camphor subcutaneously, intravenously and by mouth in doses of 0.1 gram.

**Cenomassa**—An excipient for pills, consisting of a mixture of specially treated and desiccated yeast and yeast extract, yielding pills which do not harden on storage.

**Choleflavin**—Pills containing tryptaflavin, papaverine, podophyllin, and peppermint oil; used in the treatment of gall stones.

**Cholinum Chloratum Medicinale**—Synthetic cholin chloride,  $C_5H_{11}ONCl$ ; colorless, hygroscopic needles, readily soluble in water. Given in intravenous injections of 0.6 gram in 240 cc. physiological salt solution to promote the activity of the gastrointestinal apparatus.

**Cibalgin**—Dimethyl-aminophenyl-dimethylpyrazolondial; an analgesic and sedative. Given in tablets, drops or by hypodermic injection in doses of 0.2 gram.

**Coffetyl**—Tablets containing 0.45 gram of acetylamin and 0.05 gram of caffeine.

**Decholin**—Sodium dehydrochlorate. A white, amorphous powder, soluble in water. Indicated in the treatment of affections of the liver and bile ducts. Given intravenously in doses of 5-15 cc. of a 5 per cent solution.

**Desencin**—A combination of 19 parts of p-iodo-ethoxybenzoic benzyl ester and 1 part of pseudo-sulfimide benzoic azide, containing 31.6 per cent of iodine. Issued in tablets of 0.5 gram. To lower the blood pressure.

**Desitin**—An ointment for burns and wounds consisting of zinc oxide, neutral wool fat, vaseline and derivatives of codliver oil.

**Dimorphid**—Hydrochloride-Dihydro-morphinone,  $C_{17}$

$H_{19}O_4N.HCl$ , possesses the action of morphine in a more powerful form.

**Diocain**—A local anesthetic for eye work, is p-di-allyloxyethenyl-diphenyl amidine hydrochloride. Colorless crystals, soluble 1 : 50 water, solutions can be sterilized by boiling. Used in 0.2 per cent solution.

**Dolantin**—A new local anesthetic, 4.b.methoxy-ethyl-amino-benzoic-b-piperidinethylester - monohydrochloride.

**Ennegon**—An extract of *Lawsonia inermis*, in tablets, for the treatment of cystitis, nephritis, etc.

**Genoxide**—A brand name for solution of hydrogen peroxide.

**Gitapurin**—An almost white powder, readily soluble in water, representing the essential active principles of digitalis. Issued in ampoules and tablets.

**Hexyresorcinol**—A heavy viscous, pale yellow liquid,  $C_6H_2(OH)_2C_6H_{13}$ . Administered in doses of 0.15 to 0.6 grams in olive oil solution in the treatment of urinary infections. Stated to have a phenol coefficient of 45.

**Heyden No. 661**—A trypanocide containing 12.5 per cent of trivalent antimony. In ampoules.

**Insulingual**—Tablets containing 15 units of insulin, for oral administration.

**Isacen**—Diacetyl-bis-oxyphenyl-isatin; a white, odorless and tasteless powder, insoluble in water. A laxative, given in doses of 0.01 to 0.015 grams. Issued in bottles containing 40 granules of 0.005 grams each.

**Jodisan**—Ampoules of 2.2 cc. containing 0.236 grams of iodine in the form of a 20 per cent solution of hexamethyl-diamino-iso-propanol iodine. For subcutaneous administration of iodine.

**Jodonascin**—An iodine preparation for intravenous, subcutaneous and local use.

**Ki-Uma**—An ointment incorporating the juice of the berry of an African tree combined with salicylates.

**Krysolgan**—A greenish yellow powder, readily soluble in water, decomposed by the action of light and air, given intravenously in the treatment of tuberculosis, using a freshly prepared solution. Chemically it is 4-amino-2-aurothio-phenolcarbonic sodium.

**Leukotropin**—Hexamethylenetetramine phenylcinchoninate; in ampoules of 10 cc. for intravenous injection.

**Lunosol**—A preparation of colloidal silver chloride, containing 10 per cent of silver chloride and 90 per cent of sucrose. A white granular powder, completely soluble in one half its weight of water. Used in 1 to 25 per cent solution in the treatment of infections.

**Methylantigen**—A tuberculin prepared from a mixture of pure cultures of human and bovine tubercle bacilli, whereupon the dry extract is left in contact with methyl alcohol for twelve days.

**Necaron**—A double salt of potassium-silver cyanide and potassium cholate, a white powder with a very bitter taste, readily soluble in water. Used in 0.01 to 1 per cent solution in gonorrhea.

**Neo-Lysol**—A preparation stated to possess the same

properties as lysol, while being less poisonous and almost odorless.

**Neonal**—A hypnotic, *n*-butyl-ethyl barbituric acid.

**Neo-Reargon**—A silver compound of glucosides of the anthraquinone series; employed in 0.5 to 5 per cent solution for the urethral injections in gonorrhea.

**Oxantin**—A synthetic sugar, dioxycetone,  $\text{CH}_2\text{OH}\cdot\text{CO}\cdot\text{CH}_2\text{OH}$ . A white crystalline powder, with a sweet refreshing taste; soluble 1:1 in water. Indicated in diabetes, in daily doses of 30 to 50 grams, also in intravenous injections, or in conjunction with insulin.

**Pallicid**—Sodium tribismuthyltartrate; given intravenously in the treatment of syphilis.

**Pancrepatine**—A combination of pancreatic extract and hepatic extract, for oral administration in diabetes.

**Paranoval**—A tasteless combination of diethylbarbituric acid and tribasic sodium phosphate in equimolecular proportions. Readily soluble in water, given in doses of 0.5 grams corresponding to 0.25 grams of sodium diethylbarbiturate.

**Pellurin**—Hexamethylene-tetramine-hydrochloride. . .

**Phanodorm**—Ethylcyclohexenyl-barbituric acid, a white crystalline, odorless powder, with a bitter taste. Given as a hypnotic in doses of 0.2 to 0.5 gram, dissolved in hot water.

**Physiol**—An excipient for ointments, soluble in water, odorless, neutral and free from glycerin.

**Premido**—An iodized table salt.

**Psiconal**—Ampoules of 1 and 5 cc. containing 0.75 per cent psicain, 0.05 per cent suprarenin and 0.7 per cent sodium chloride.

**Resorcinol Monoacetate**—Used in the treatment of ache, syphilis, chilblains, alopecia and seborrhea, in the form of a 5 to 20 per cent ointment, and in acetone solution. A viscous, yellow liquid, sparingly soluble in water.

**Salabrose**—A tetraglucosan obtained by polymerization of pure grape sugar. Given in diabetes.

**Salvite**—A combination of lithium lacto-citrate, sodium and strontium, citrated caffeine, magnesium sulfate, sodium sulfate, sodium formbenzoate, lactophosphate of calcium and sodium with quinine, in an effervescent form.

**Sanocrysin**—A white, crystalline powder, corresponding to the formula  $\text{Au}(\text{S}_2\text{O}_3)_2\text{Na}_3$ , soluble in water. Used in the treatment of tuberculosis.

**Septamid**—Magnesium-*p*-toluol-sulfonic chloramide; a disinfectant.

**Stibosan**—Sodium-*m*-chloro-*p*-acetyl-amino-phenylstibinate, containing 30.5 per cent of antimony. Formerly designated as Heyden 471.

**Theominal**—A combination of 0.3 gram of theobromine and 0.03 gram of luminal, issued in tablet form.

**Thymulsion** (Heyden No. 651 A)—An emulsion containing 1 per cent of thymol for intravenous injection in leprosy.

**Zelio**—Paste and grains for poisoning rats and mice.

Industrial alcohol is to be manufactured from peanut hulls at Marseilles, according to "Chemical Trade Journal." Cost is expected to be 1½d per litre, and approximately 350,000 tons of hulls are available annually.

L. B. Holliday & Co., of Huddersfield, have appointed P. N. Snowden & Co., of Montreal, as their sole importers for Canada and Newfoundland.

#### FUMIGATORS CHEMICAL CO. SETTLES CASE

The suit of Gaston versus Fumigators Chemical Co., was settled in the Supreme Court, New York, on Feb. 23 without going to trial. Fumigators Chemical Co. is a subsidiary of American Cyanamid Co., and the suit was for damages sustained by the dependents of two of the three men who were killed in the Hecker-Jones-Jewell Milling Co. plant when the plant was fumigated with liquid hydrocyanic acid on July 21, 1923.

Stauffer Chemical Co. and its associated companies, Borax Union, Inc., San Francisco Sulphur Co., American Cream Tartar Co., Wheeler, Reynolds & Stauffer, San Francisco Salt Refinery, etc., have recently moved into new and larger quarters adjoining the old office, also retaining the latter. Their address is now 624-638 California st., San Francisco. Their main Eastern office is now located in Rooms 5007-5009 Grand Central Terminal Building, 542 Lexington ave., New York City. Albert Walter is general manager. R. E. Demmon, now manager of Stauffer Chemical Co. of Texas, Houston, Texas, will be sales manager in the New York office. The new Chicago office is now Suite 729-733 Conway Building, 111 W. Washington st.

Harry W. Cole, secretary of Insecticide and Disinfectant Manufacturers Association, has sent a bulletin to members in which he says in part: "Your secretary has had an opportunity to read 'The Book of Business Standards,' published by the Commercial Standards Council, New York City. Mr. J. George Frederick, its author, deals with business ethics in straight-from-the-shoulder fashion, and furnishes much food for thought to business executives who seek to trade on the principle of the golden rule. It is a splendid book, well written."

Further developments in the merger of alcohol plants to form the Columbia Chemical Co., have brought out the fact that the Federal Products Co., owning industrial alcohol plants Nos. 19 and 128, are not participating. They have issued a statement that they are not under option nor interested in the merger.

The Insecticide and Disinfectant Manufacturers' Association will hold its mid-Summer meeting at Quebec, Canada, but the date has not been decided. The Secretary requests that members name the dates most convenient to them. The quarterly meeting of the Board of Governors to be held the first Wednesday in March will fix the date.

A sample of camphor from Dominica (Santo Domingo, in West Indies) is reported in "Chemical Abstracts" as slightly discolored and containing a small quantity of oily impurity which rendered its solution in water slightly turbid, but otherwise its properties agreed well with those of a commercial sample.

J. Walter Thompson Co., advertising agents handling many chemical accounts, has leased for 19 years 40,000 square feet of space in the New Eastern Offices, Inc., building being erected at 43rd st. and Lexington ave., New York. The space includes the entire 11th floor.

The U. S. Civil Service Commission has issued a pamphlet entitled "Opportunities for Chemists in the U. S. Civil Service," which shows the salaries and positions held by Government chemists.

August Kochs, president of Victor Chemical Works, Chicago, who is in Europe on a business trip, expects to return the latter part of March.

Dr. Herbert H. Dow, president, Dow Chemical Co., has sailed for a two-months' visit to Europe.

# AMERICAN BORAX SELLS WELL IN EUROPE

Germany, England and Netherlands Led in Receipts in 1924—France Took Less—No French Tariffs on Crude Borax—British Interests Resent Entrance of American Product Into European Market—How Borax is Sold

The importation of American borax into Europe showed great progress in 1924, compared with the two preceding years, writes Damon C. Woods, American Consul, Paris. Germany, England and the Netherlands led the list with receipts approximating a quarter of a million dollars in each case. France, however, took less American borax than in 1923, the values being \$83,700 in 1924 and \$139,702 in 1923. The Turkish mines, the chief source of the supply, were flooded in 1923 and it became necessary to import from other producing areas. At least half of the receipts of American borax in 1924 were borax of soda.

The market for crude borax from the United States is aided by the absence of a French tariff duty, but impeded by the nearness and superiority of the Turkish salts. The Turkish article is said to yield 47 per cent boric acid compared with 32 to 42% from the American substance. As freights are the same for any percentage of content, it is more remunerative to procure the best quality, since prices are nearly equivalent. The mines in Turkey are owned by British interests, called Borax Consolidated, which operates in France under the name of Borax Francais. There is also some importation of Italian borax which is not so good but cheaper than the Turkish product. Small shipments are received from Chile, Bolivia, Peru and Argentina.

The Borax Francais has a large refinery at Dunkirk and it dominates the French industry, although two other small concerns participate in the trade. The British interests, through the French and other European subsidiaries, are now supplying about five-sixths of the European borax demand, according to a well-informed opinion. They have been strongly inimical to the entrance of American companies into the market, considering that the American demand should legitimately exhaust that source of production. Against the persistent efforts of American companies to operate in this territory, they have retaliated by price-cutting and by undertaking to penetrate into Far-Eastern American markets. At present, the British-French groups are quiet in the matter of prices but they are said to be actively preparing means for a concerted movement to elevate the French tariff against foreign refined borax. The following eleven months statistics reveal the rapid growth in recent years of the export shipments of French refined borax; they also show that despite the increase in the surplus for export, there has been an appreciable gain in imports of the product. These imports are almost entirely from the United States.

## Exports of Borax of Soda from France, First Eleven Months of

Quantities			Values		
1925	1924	1923	1925	1924	1923
Metric Tons			Thousand Francs		
1,322	826	447	2,595	1,574	1,028
Imports					
558	527	85	1,038	902	137

American chemical products are commonly marketed in France by brokers or independent agents who do all the intermediate work incidental to purchase and delivery. Small stocks are sometimes kept available, but the major volume of the trade is through shipments after receipt of orders from French consumers. The broker or agent must quote prices in francs and trans-

mit the order in dollars; he must assume, or have his principal assume, all risk and expense of transportation and customs clearance, and deliver the merchandise at the customer's factory or warehouse before obtaining payment. In view of exchange fluctuations it is customary for the agent to cover himself, upon obtaining an order, by immediately purchasing a dollar draft. The usual commission is 4 to 5 per cent.

## MONSANTO FORMS NEW TAR ACID CORP.

Monsanto Chemical Works announce the formation of a separate corporation to represent Graesser-Monsanto Chemical Works, London, in this country on sales of cresylic acid, cresol U. S. P., pure cresols and special tar, and acid fractions. The new company is known as Tar Acid Refining Corp., with registered office at 1724 S. 2nd st., St. Louis, and sales office at 12 Platt st., New York. Edgar M. Queeny is president of the new company.

This year's crop of Florentine senna was considerably smaller than previous crops have been because at the prices that have prevailed, the farmers have not found it profitable to grow senna and in a number of instances turned the stuff under and planted something else. Evidently previous crops had been away in excess of actual needs, because even with the past year's crop so curtailed, there is ample to meet the normal needs of the consuming market. The farmers that did turn their senna under, found the other crops so very much more remunerative that it is more than likely, a large number of other farmers will follow their example another year and the coming crop stands a good chance of being below requirements. If that happens, senna will begin to soar in price as a number of other crude drugs have during the past year for much the same reason.

Rayon was the subject of a discussion by the members, of the Northeastern Section of the American Chemical Society at a meeting last week at the Massachusetts Institute of Technology. Papers and experiments on the subject were prepared for the meeting by Gustavus J. Esselen, Jr., of the firm of Skinner, Sherman & Esselen, chemists and engineers, Boston, and Prof. Louis Atwell Olney, head of the chemistry department of the Lowell Textile School.

The opium conventions at Geneva, according to Associated Press reports, have both been ratified by Great Britain. The principal aim of the conventions was primarily to curb and eventually suppress entirely, the sale and use of opium.

Household Products, Inc., and subsidiary for the year ended Dec. 31, reports net profit of \$2,562,450 after Federal taxes, equal to \$4.45 a share. This compares with \$2,311,960 or \$4.62 a share in 1924.

German potash is being produced at a South German centre near Buggingen. One pit is being operated and a second will be started within a year.

Pratt & Lambert, Buffalo, have completed an addition to their lacquer plant, which will increase their capacity three or four times.

Paul H. Brattain, Washington, has been awarded a Government contract for 500 cartons boric acid at \$50.00.

United States Gypsum Co. has been awarded a Government contract for 1,000 lbs. gypsum at \$3.50 bbl.

## ALCOHOL DISTRIBUTORS FORM TRADE ASSOCIATION

Incorporate Under Laws of New York—Final Organization Meeting Held Yesterday—Geo. F. Diterele of Federal Products, President—J. Wrench, of Industrial Chemical Co., Executive Secretary

A number of the leading alcohol producers and distributors met yesterday at the Hotel Waldorf, New York, for the final organization of a trade association to serve the interests of their industry. The organization is incorporated under the laws of the State of New York, and includes most of the larger factors in the trade with the exception of the U. S. Industrial Alcohol Corp. George F. Diterele, of Federal Products Co., has been elected president and J. Wrench, Industrial Chemical Co., who has been acting as chairman of the organization committee has been elected executive secretary.

The purpose of the organization is to serve as a contact point between the trade in general and the Government departments charged with its regulation. It will also pursue a policy, already inaugurated, of public education as to the real value of industrial alcohol. The meeting yesterday was held for completing the final details of organization and adopting of bye-laws.

## MAY DISTILL PEPPERMINT AGAIN IN WAYNE

Growing peppermint and distillation of oil is under discussion in Wayne county, New York, according to the "Newark (N. J.) Courier," which says in part:

"On one point all seem to agree: That Wayne county (New York State), formerly grew the best oil in the world, and the product would again receive a warm welcome in the market should the industry be revived here. While authorities differ slightly in their ideas regarding future prices, all seem to feel that they will always remain at a much higher level than formerly, and that the growing of peppermint will be a profitable occupation.

"There appear to be two real dangers to the industry on account of the present high prices. One is that planting may be overdone as growers are attracted by the dazzling prospects.

Another is that certain industries will turn from pure oil to imitations or mixtures. This is already being done, and so successfully that it may well be that some will never return to the pure oils.

Some oil is still produced in Wayne county, but very little. Michigan and Indiana are the chief centers now, but the oil has never been of the quality of Wayne county, New York, oil.

There are at present extremely limited stocks of Aleppo nutgalls in New York. Some consignments that arrived several months ago were recently shipped back to Bagdad, to be sold as the demand there had increased. It is stated that before the war, the crop appearing in the Bagdad market was about 1,300 tons, but that it has now declined to 500 tons annually. About half of this amount is blue galls which are accepted in this market, and the rest are white and green which are consumed locally in Bagdad or sold in the European market. Germany who was a buyer before the war, looms again as a possible buyer when the next crop appears, thus rendering likely smaller receipts than ever in this country.

The sum of £8,500 is to be spent by the Tasmanian Government on the carbide works at Electra, and the production cost is expected to be reduced to 50s per ton. The Soderberg continuous electrode method is to be installed.

## WHO'S WHO — in the Drug Industry

**John Powell**, pres., John Powell & Co., New York. Born: Abingdon, Va., July 1, 1898. Mar.: Ruth Hilson, W. New York. N. J., Sept. 27, 1923. Educat.: Private School. Business: J. L. Hopkins & Co., Buyer, 1915-20; Arthur Stallman & Co., sales mgr., 1920-23; John Powell & Co., pres., 1923 to date. Hobby: Selling insect powder.

**John Schoenegan**, pres., John Schoenegan, Inc., New York. Born: Brooklyn, N. Y., Dec. 1874. Mar.: Anna Bayer, Brooklyn. Educat.: Public school. Business: Started with Walter Adams & Co., which was succeeded by Geo. A. Elwood and then became John Schoenegan, Inc. Member: Foresters of America, Elks. Hobby: Fishing.

**Victor E. Williams**, New York mgr., Monsanto Chemical Works, St. Louis. Born: Oct. 29, 1896. Mar.: Alma K. Null, St. Louis, Sept. 1, 1923. Educat.: McKinley High School, St. Louis. Business: Monsanto Chemical Works, 1915; connected with St. Louis office until 1925; transferred to N. Y. office as asst. N. Y. mgr.; appointed N. Y. mgr., Dec. 1925. Member: Druachem Club, Salesmen's Assn., N. J. Chemical Society. Hobbies: Baseball and handball.

**Clarence Sylvester Curtis**, V. pres. and sales mgr., The Wilson Laboratories, Chicago, Ill. Born: Northampton, Mass., Sept. 3, 1887. Mar.: Roxie Fell, Monmouth, Ill., May 20, 1922. Educat.: Cornell Univ., B. A., 1909. Business: Armour & Co., 1909, detail man; Abbott Laboratories, 1910-18, salesman; Allaire-Woodward & Co., 1919, salesman; Abbott Laboratories, 1920-25, mgr., Chemical Sales Dept. Member: sec., Chicago Drug & Chemical Assn., 1923. In 1925 was pres. Served 1 yr. Chemical Warfare Service; capt., U. S. A. O. R. C. Hobby: Golf.

**August Eimer**, a director of Eimer & Amend, New York. Born: Darmstadt, Germany, Nov. 10, 1853. Mar.: Mary L. Amend, 1877, New York. Educat.: 1871 degree as Pharmacist, Darmstadt. Chemistry and Pharmacy at Polytechnic, Zurich, Switzerland. Business: Up to 1925 was pres. and mgr. of Eimer-Amend. Connected with them 51 yrs. Also, pres., Electric Heating Apparatus Co. of Newark; pres., Amsterdam D-Sales Co., New York; Patchogue Holding Co., etc. Member: Chemical Society, Chemical Club, Metropolitan Museum of Art, Museum of Natural Sciences, Geographical Society of N. Y., American Ass'n. for the Advancement of Sciences. Has constructed and designed laboratory apparatus; patents on electric heating appliances, electric furnaces for laboratories and industries. Was instrumental in development of calcium carbide. Patents on apparatus for protection against burglars. Hobbies: Experimenting and designing of useful, scientific appliances.

Cinchona bark is generally sold purely on its quinine content and hence the people who can grow the highest quinine content cinchona at the lowest price control that market, states Sir David Prain in an article appearing in "The Indian and Eastern Druggist." Climatic and labor conditions in Java are such that yellow cinchona can be grown there most advantageously, and as yellow bark has the highest content, the market centers in Java.

W. J. Bush & Co., Ltd., directors recently announced an interim dividend of 3 per cent.



# The Industry's Finances

## MATHIESON ALKALI EARNS \$8.76

Surplus is \$1,142,259 Against \$528,430 Last Year—Texas Gulf Sulphur on \$10 Annual Basis—Chesebrough Declares Extra Dividend—National Lead Pays \$2 Quarterly Dividend

FOREIGN EXCHANGE	Par	Current
Great Britain (pound sterling).....	\$ 4.866	4.86
France (franc).....	.193	.057
Italy (lira).....	.193	.040
Belgium (franc).....	.198	.044
Czechoslovakia (crown) per hundred.....	20.30	2.96
Denmark (krone).....	.268	.259
Germany (mark).....	.238	.238
Norway (krone).....	.258	.209
Holland (florin).....	.402	.400
Poland (zloty).....	.193	.140
Spain (peseta).....	.193	.141
Sweden (krone).....	.268	.267
Switzerland (franc).....	.193	.193
Argentina (peso).....	.424	.412
Brazil (milreis).....	.324	.149
Japan (yen).....	.499	.462
India (rupee).....	.485	.367
China (silver dollar, Hongkong).....	.789	.580
(Tael—Peking, silver).....	1.146	.782
(Tael—Shanghai, silver).....	1.986	.740

Mathieson Alkali Works, Inc., for 1925 reports net earnings of \$1,628,232, against \$968,140 in 1924. After allowing for taxes and interest charges \$1,465,033 was available for dividends, against \$873,064 in 1924.

After preferred dividend requirements earnings equaled \$8.76 a share on the 147,207 shares no par value common stock outstanding. After dividends on common and preferred stock the surplus was \$1,142,259, against \$528,430.

Texas Gulf Sulphur Co. has declared a quarterly dividend of \$2.50 a share on the capital stock, placing the issue on a regular \$10 annual dividend basis. The dividend is payable March 15 to stockholders of record March 1. In the previous quarter the company paid an extra dividend of 75 cents a share and a quarterly dividend of \$2.

Directors of Chesebrough Manufacturing Co. have declared an extra dividend of 25 cents a share on the capital stock, and at the same time increased the regular quarterly dividend from 62½ to 75 cents a share, thus placing the issue on a regular \$3 annual dividend basis. Both dividends declared yesterday are payable March 31, to stockholders of record March 10.

National Lead Co. has declared a quarterly dividend of \$2 a share on the common stock, payable March 31, to stockholders of record March 12.

Directors of International Silver Co. have declared an initial dividend of \$1.50 a share on the common stock, placing the issue on a \$6 annual dividend basis. The dividend is payable April 1. The regular 1¼ per cent. dividend also was declared on the preferred stock.

Douglas Pectin Co. declared the regular quarterly dividend of 25 cents a share on the capital stock, payable March 31 to stockholders of record March 1.

The New York Stock Exchange's governors have admitted to trading 2,827,470 shares of Union Carbide & Carbon Corp. stock, no par.

International Salt Co. has declared a quarterly dividend of \$1.50, payable April 1 to stock of record March 15.

## UNITED DRUG EARNINGS INCREASE

Profits of \$6,222,913 reported by United Drug Co., for 1925, represented an increase of 19% over \$5,232,400 of 1924. Because of the company's new capital set-up, the old having been altered substantially through issue of new preferred in absorption of Liggett's International, net per share of common after all charges and preferred dividends advanced 11.27%, or from \$11.03 to \$12.27. In this year's report for the first time provision is made out of earnings for current year's Federal taxes. Formerly these were charged out of surplus account in the following year.

President Liggett in the annual report pointed out that undistributed subsidiary earnings were equal to an additional \$2.50 per share of Drug common, so that actual earning power of the common was \$14.77. Before Federal taxes, therefore, net was slightly in excess of the anticipated \$17 per share. Because of \$1,200,000 special dividends, 1924 net per share before Federal taxes was increased \$3.28 to \$15.18.

## Securities Quotations

Closing Prices For Week Ending Feb. 20, 1926

	Bid	Asked		Bid	Asked
*Air Reduction.....	113¼	115	Hercules Powder.....	146	—
*Allied Chem & D.....	134¼	135¼	Hercules Powd. pf.....	110¼	112¼
*Am Ag Ch.....	30¼	30½	Heyden Chem.....	2¼	—
*Am Ag Ch pf.....	88¼	89½	Hooker Electro.....	25	30
*Am Chiclé.....	46	47	Hooker Electro, pf.....	70	75
*Am Chiclé pr pf.....	90	92½	*Household Prod.....	45¼	45¾
Am Cyan.....	190	200	*Int Agricul.....	24½	25
Am Cyan pf.....	88	92	*Int Agricul pf.....	93	94
*Am Druggists S.....	5	5½	*Int Nickel.....	43¼	44
*Am Glue.....	47	50	*Int Nickel pf.....	37¼	37¾
*Am Glue pf.....	106	109	*Int Salt.....	86	90
*Am Linseed.....	43¼	43½	Lehn & Fink Prod Co.....	36½	36¾
*Am Linseed pf.....	84	85	*Mathieson Alk.....	94	94¼
*Am Metal.....	54	54½	*Mathieson Alk pf.....	100	—
*Am Metal pf.....	115	—	Mac And & Forbes new.....	46	49
*Am Zinc.....	9¾	10	Mac And & Forbes pf.....	100	103
*Am Zinc pf.....	41	44	Merk & Co.....	58	58
*Archer Dan Mid.....	42	43	Merrimac.....	84	86
*Archer Dan Mid pf.....	102	105	Milford Co.....	30	33
*Atlas Powder.....	56½	58	*National Lead.....	164	167
*Atlas Powder pf.....	93½	95½	*National Lead pf.....	116	117
By Prod Co.....	46	49	Nlag. A., pf.....	80	85
By Prod Co. pf.....	102	105	N. J. Zinc.....	203	208
Canad Ind., Al.....	16½	—	Parke, Davis & Co.....	114	—
Canad Salt.....	105	115	Penn Salt.....	71	—
Caseln Co.....	160	170	*Peoples Gas Chl.....	127	128
Celluloid Co.....	20½	22	Procter & Gamble.....	156	158
Celluloid Co pf.....	73	77	Procter & Gam, pf.....	156	158¼
*Certain-ted Prod.....	47¼	47¾	Royal Bkg Powd.....	185	195
Charcoal Iron.....	10	20	Royal Bkg Powd pf.....	101¼	103
Ches. Mfg. Co.....	68¼	69	Shawinigan.....	170	—
Ches. Mfg. pf.....	113	—	Sherwin-Will 1st pf.....	106	110
Clark Co., Fred.....	2½	4	Silica Gel.....	20	—
Cleve Cliff Iron.....	70	75	*Sterling Prod.....	81	81¾
*Com Solv A.....	136¼	137	Swan & Finch.....	19½	21
Do B.....	131½	132	Swan & Finch pf.....	20	20
*Corn Products.....	40	40½	*Tenn C & Chem.....	15½	15¾
*Corn Products pf.....	124	125	*Tex Gulf Sul.....	140	140¼
*Davison Chem.....	44¼	44½	Union Carbide.....	80¼	80
*Davison Chem pf.....	37¾	38	*Un Drug.....	156	158
Dow Ch., pf.....	98	102	*Un Drug 1st pf.....	57	57½
Dow Drug Co.....	140	—	*Un Dyewood.....	10	12
Dow Drug Co., pf.....	105	108	*Un Dyewood pf.....	10	59½
*Du Pont Deb.....	101½	102	Un Gas Imp.....	128	132¼
*Du Pont de Nem.....	226	226½	Un Gas Imp, pf.....	58½	—
Eastman Kodak.....	110¼	111½	U S Gypsum.....	154	155¼
*Eastman Kodak pf.....	113	—	U S Indus Al.....	61¼	62
*Freemont Tex.....	26¼	26¾	U S Indus Al pf.....	102	103
*Gen Asphalt.....	68½	68¾	Va Car Ch.....	1¼	1¼
*Gen Asphalt pf.....	107	108¼	Va Car Ch 6% w.l.....	63¼	64½
*Gold Dust.....	47¼	47¾	*Vick Chem.....	47¾	48
Grasselli.....	125	130	Will & Baumer.....	16¼	—
Grasselli, pf.....	101	103			

\*Listed on New York Stock Exchange

\*Listed on New York Stock Exchange

**COMMERCIAL SOLVENTS EARNED \$1,312,189**

Commercial Solvents Corp. reports for 1925 operating profit of \$1,312,189, after allowing for expenses and reserves for depreciation, against operating profit of \$1,236,151 in 1924. After crediting other income and allowing for interest and other charges, net profit was \$890,265, against \$1,043,972 in 1924. P. G. Mumford, president, in a letter to stockholders says:

"Your company's operations for the year 1925 have shown satisfactory growth. Sales of all products more than doubled in volume over the preceding year. Distribution to new customers expanded proportionately.

"The additions to your Peoria Plant, authorized in November, 1924, and completed in April, 1925, doubled its capacity. These additions were estimated to produce an increase of thirty per cent, but the output obtained rendered further extension unnecessary during the year and permitted your company to conserve the major part of the proceeds from the sale of its Five Year 6½% Convertible Gold Notes.

"Your company's cash position, as reflected in the accompanying balance sheet, should therefore prove ample to meet the capital expenditures now under consideration in connection with a further increase in facilities for the production of solvents, and the extraction of by-products from fermentation gases. During the year 1925 your company paid the usual dividends on its preferred and class A stocks, made proper provision for depreciation, obsolescence and amortization, and added \$657,869.37 to its earned surplus account."

American Can Co. for 1925 reports net income of \$16,390,036 after charges and Federal taxes or after preferred dividends equivalent to \$32.74 on the common, compared with \$11,341,931, or \$20.50 in 1924. Profit and loss surplus was increased to \$53,345,092. Stockholders of the company have approved the plan to split the common stock six for one, the present 100 shares to receive four new \$25 shares and a stock dividend of 50 per cent. This stock will be placed on a \$2 annual dividend basis, equivalent to \$12 on the present stock.

American Chicle Co. reports for the year ended Dec. 31, net income of \$1,250,297 after interest, depreciation and Federal taxes, equivalent after prior preferred and preferred dividends to \$5.87 a share. This compares with \$1,083,082, or \$5.82 a share in 1924. Surplus was \$1,100,907.

Eagle-Picher Lead Co. for the year ended Dec. 31, reports net income of \$2,297,652 after Federal taxes, depreciation, depletion, etc., equal after preferred dividends to \$2.24 a share (\$20 par) earned on \$20,000,000 common against \$3,053,096 or \$3 a share on common in 1924.

United States Gypsum Co. reports for 1925 net income of \$8,414,117, after depreciation, depletion and Federal taxes, equivalent after preferred dividends, to \$15.45 a share (par \$20) earned on \$10,138,300 outstanding common stock. This compares with \$7,166,381, or \$14.96 a share, on \$8,786,960 stock outstanding in 1924.

Coca-Cola Co.'s report for the year ended Dec. 31, shows net profit of \$7,899,580 after expenses, depreciation and Federal taxes, equivalent after preferred dividends to \$14.47 a share. This compares with \$5,700,993, or \$10 a share in 1924.

Report of Industrial Rayon Corp. and affiliated companies for 1925, shows net profits of \$1,169,305, after exceptionally heavy depreciation charges, interest and amortization, but before Federal taxes.

**New Incorporations**

Chemical Solvent Co., New York City, \$10,000. M. Paul, J. S. Polcfsky, E. A. Bolz. Attorneys, Engel Bros., 154 Nassau st.

Livingston Bros. Chemical Corp., New York City, \$20,000. H. Davis, M. B. Soin. Attorney, E. Blatt, 38 Park Row.

J. Hungerford Smith Sales Co., Rochester, N. Y., \$5,000. J. H. Smith, W. F. Martin, K. H. Rogers. Attorneys, Hubbell, Taylor, Goodwin and Moser, Rochester.

Iodine Preparations, New York City, 2,000 shares common stock, no par. Medicines. S. R. Latshaw. H. S. Lines, Dr. K. Van Allen. Attorneys, Franc & Becker, 26 Exchange Place.

Ray Perfumeur. Cosmetics, New York City, \$10,000. R. N. and J. B. Lockwood. Attorney, A. Collins, 31 Nassau st.

Stein-Brill Corp., New York City, \$50,000. Chemical machinery. L. I. Brill, I. N. Klein, B. Freindell. Attorney, D. C. Myers, 70 W. 40th st.

Staten Island Cleaners and Dyers, Inc., West New York, N. J., \$125,000. Harris Fleischman, Harry Gloss, Woodcliff; Louis M. Coman, W. New York. Attorneys, Coman & Levenson.

D. R. Franklin Co., New York City, \$100,000. Shoe polish. D. R. Franklin, A. Stern, B. B. Bozes. Attorney, L. T. Knox, 347 Fifth ave.

Hull Formula, New York City, 1,000 shares of preferred stock, \$100 each; 1,000 shares common stock, no par. Medicines. J. C. B. Hawkes, R. F. Andrews. Attorney, L. E. Sisson, 331 Madison avenue.

Specialty Products Co., Jersey City, N. J., 100 shares, no par. Silk finishing oils. Samuel J. Singer, Elme K. Singer, Myre Grossman, New York City. Attorney, James H. Tulley, New York City.

Speedee Products Co., Inc., Dover, Del., \$100,000. Manufacture and sale of chemical and household preparations. John P. Cann, Wilmington, Del.

E. J. Feeley, Inc., Boston, \$100,000. Dyes. Edward J. Feeley, Brookline; Edward M. Feeley, Medford; J. Murray Feeley, Quincy.

Old Deerfield Fertilizer Co., Deerfield, Mass., \$50,000. Charles F. Clark, Thora L. Warner, Arthur W. Hubbard, Philip F. Whitmore, Ernest R. Russell, William L. Hubbard, Sunderland.

F. B. Morse Co., Wilmington, Del., \$50,000. Manufacture and sale of chemical compounds. Corporation Trust Co. of America.

Contrell & Cochrane, Ltd., Queens, \$100,000. Beverages. E. C. Cochrane, T. C. Fogel, A. I. Whitty. Attorneys, Aarons & Herbst, 291 Broadway, New York City.

Hy-Or Laboratories, Yonkers, N. Y., \$10,000. Drugs. C. A. Susslin, E. J. Mulligan, E. F. M. McKenna. Attorney, M. J. S. Fay, Yonkers.

Keyport Beverage Co., Keyport, N. J., 125,000. Maurice E. Cohen, Edward E. Cohen, Benjamin Cohen. Attorneys, Ackerson & Van Buskirk, Keyport, N. J.

Dibble Products Co., Bayonne, N. J., \$25,000. Oils, greases. Percival G. Cruden, Anna D. Herz, Bayonne; Everett W. Dibble, Utica, N. Y. Attorneys, Benny & Cruden, Bayonne, N. J.

Tyrell Laboratories, New York City, \$150,000. Chemists. E. A. Tyrell, H. M. Gorden, B. H. Queller. Attorney, M. Altmann, 233 Broadway.

Cattle Remedies, Jersey City, N. J., \$125,000. Harry Boes, Leon Hardt, O. Lippold, Richard Lewis, Jersey City. Attorney, James A. Hamill, Jersey City.

Sharpless Solvents Corp., Wilmington, Del., \$150,000. To manufacture industrial alcohol.

American Stained Shingles Co., Dover, Del., \$100,000. United States Corporation Co.

Armstrong Chemical Co., Boston, \$10,000. Frederick E. Gentile, president; James T. Pogh, treasurer; M. A. Connelly.

Report of American Metal Co., Ltd. and subsidiary companies for the year ended Dec. 31, shows net income of \$3,353,866 after Federal taxes, depreciation, depletion, etc., equivalent after preferred dividends, to \$5.06 a share earned on outstanding 593,505 shares of no par common stock. This compares with \$3,311,046 or \$5 a share on 591,593 shares outstanding in 1924.

United Drug Co. has distributed £500,000 for ordinary stock of Boots Pure Drug Co., Ltd., to ordinary stockholders as a 50 per cent stock dividend.

Forhan Co. has declared a regular quarterly dividend of 40c on the class A and 25c on the common stock, both payable April 1 to stock of record February 28.

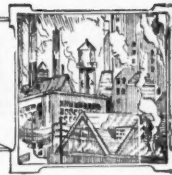
English China Clays, Ltd., recently paid a dividend on cumulative preferred stock at an annual rate of 7 per cent.





# Industrial Chemical

## SECTION



## Europe's Purchases of American Phosphate

**Exports from the United States in 1924 Amounted to 713,697 Tons, Valued at \$4,630,975—Moroccan Phosphates Shipped Mainly to European Markets on Account of Higher Exchange—North African Deposits Estimated at Two Billion Metric Tons—Algerian, Tunisian and Other Deposits—Phosphate Prices in Paris—French Tariff Rates**

**By DAMON C. WOODS,**  
American Consul, Paris

Exports of high grade hard phosphate rock and land pebble phosphate from the United States to European countries in 1924 reached the impressive figures of 713,697 tons, valued at \$4,630,975. While the trade was generally satisfactory, compared with 1923, the shipments to France dropped from 31,466 tons to 8,792 tons, all of which was land pebble, and the final figures for 1925 will probably reveal a further decline. In interested circles it is stated that this sharp diminution in a commerce which before the war and even in 1920 was important is due principally to the decline in French exchange. The depreciation of the franc since 1920, when its value of \$12 permitted considerable importation of Florida phosphate, has caused French farmers and grape-owners to turn away from the expensive 18% superphosphates which the Florida product yields, to the cheaper 14% fertilizer obtainable from Tunisian and Algerian pebble.

It might appear that the greatly increased output of the French State owned mines of Morocco, which produce an ore assaying at 75 to 77% of tri-basic phosphate, would be the main obstacle to the Florida product in the French market, but it is stated by a leading shipper of North African phosphate that the better grades of the Moroccan products go to European countries of elevated exchange, as the prices there obtainable are much higher than would be offered in France. Despite the adverse exchange, one of the most important Paris firms handling phosphates considers that some business could be done in France with 75% Florida pebble, as it is declared that this product is not equalled by even the best grades from the Moroccan mines. Florida phosphates of 68% and less would be in direct competition with Tunisian and Algerian products, which, because of the freight on the former, would undersell them in this market.

It is estimated that the beds of North Africa contain two billion metric tons of phosphate and it is predicted that eventually this region will be the source of supply for all of Europe and the Near East. In general it has been found that the quality of the North African product is richer in Tunisia and that it becomes poorer in tri-basic content as one proceeds toward the Atlantic. However, the discovery during the war of the Kourigha phosphate resources in Morocco upset this generalization and the successful exploitation of this field since 1920 has added greatly to the volume of commerce in North African phosphates.

### Use of Algerian Phosphates

Phosphates, with iron ore, constitute the most important resources of the Algerian soil. The main exploitations are grouped in the Department of Constantine, in the region of Tebessa: Djebel Kouif, of the Compagnie des Phosphates de Constantine, with a mean annual production of 300,000 metric tons, Djebel Dyr, of the Compagnie des Phosphates du Dyr, Ain Kissa, etc., and in the region of Toqueville, to the southwest of Setif: Tocqueville, of the Compagnie Algerienne des Phosphates, Bordj R'dir, M'Zaita, etc. The annual deliveries of Algerian phosphate in France form about 30 per cent of the total production, or 165,000 tons. The total production passed from 334,704 metric tons in 1920, to 372,019 tons in 1921, 525,396 in 1922, and 551,369 in 1923. Algerian phosphate is not of the best quality, its yield running ordinarily from 58 to 68%.

### Phosphate Beds in Tunisia

Tunisia possesses phosphate beds of considerable thickness in the region southwest of Gafsa, at Metlaoui and Redeyef and more generally along the Algerian frontier, which are of sufficient extent to make Tunisia, after the United States, the most important world source of this mineral.

The production of Tunisian phosphate in 1922 was 2,115,000 metric tons and the exportation 2,074,132 metric tons; the figures for 1923 progressed, respectively, to 2,338,000 and 2,252,571 metric tons. The production of phosphates is handled almost entirely by the Compagnie des Phosphates et du Chemin de Fer de Gafsa, a corporation capitalized at 30 million francs, with headquarters at Paris; the Societe des Phosphates Tunisiens, capitalized at 45 million francs, which exploits the two beds of Kalaa Djerda and Mehari Zebbou; the Compagnie des Phosphates du Dyr, which exploits the vein of Kalaat es Snam; the Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint Gobain, Chauny et Cirey, capitalized at 120 million francs, and others less important. Their principal ports of shipments are Sousse, Tunis and Sfax.

### Moroccan High Grade Phosphate

The Moroccan phosphate is now recognized as the highest grade product of the North African deposits thus far developed, the regularity of its content giving it a preferred status in the manufacture of superphosphates. Shipments are guaranteed to be 75-77% pure, less 1% of iron and alumina combined: Exploitation has been in rapid progression since 1920, as shown by the deliveries of the official French Government administrative organization, known as "L'Office Cherifien des Phosphates." Distribution to European countries other than France is made by general agents at Paris. Ports of shipment are Rabat and Casablanca.

Shipments of Moroccan phosphates in 1925 made a great advance over the total for 1924, with 720,688 metric tons against 430,340 metric tons. The Office Cherifien des Phosphates, which exercises monopolistic control of

(Continued on page 597)

# The Heavy Chemical Market

Chemical Current Spot Quotations for Heavy Chemicals, see pages 566-584

## TIN OXIDE UP; MARKET HOLDS FIRM

Mineral Acids in Good Demand—Barium Salts Firm—Chlorates Unchanged—Prussiates and Bichromates Steady—Tri-sodium Phosphate in Active Demand—Zinc Chloride Easier—Arsenic Firmer—Oxalic Acid Unchanged—Copper Sulfate Easy

### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

	Trend of the Market					
	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetic Acid, Glacial lb.	\$.11½	\$.11½	\$.11½	\$.11	\$.19½	\$.07
Sulfuric Acid, 66° ton	14.00	14.00	14.00	14.00	55.00	20.00
Ammon Sulfate 100 lbs.	2.95	2.95	2.95	2.75	7.50	2.65
Bleaching Pdr, 100 lbs.	2.00	2.00	2.00	1.90	9.50	1.50
Copper Sulfate c-1 100lbs.	4.30	4.30	4.30	4.65	200.00	4.60
Potash, Caustic, Imp., lb.	.07½	.07½	.07½	.07½	.87	.08
Soda Ash, 58 p.c. 100lbs.	1.94	1.94	1.94	1.94	3.50	.60
Caustic Soda, 76 p.c. 100lbs.	3.66	3.66	3.66	3.66	9.50	1.42
Potassium Bichromate lb.	.08½	.08½	.08½	.08½	4.65	.06½
Sodium Prussiate .. lb.	.10	.10	.10	.10½	1.25	.18
Average .....	2.913	2.913	2.913	2.927	10.79	2.99

Movement of industrial chemicals is reported of fair routine volume with prices very firm on practically the entire list. Sodium sulfide is in a strong position due to available stocks being in firm hands. Tri-sodium phosphate is in a very steady condition with a ready outlet reported for all offerings. Mineral acid prices are quoted at unchanged figures and nothing unusual is indicated in the market. Ammonia and its derivatives are quiet but firm. Copper sulfate stocks are large in some directions and prices are easy. Barium salts are very firm but quotations are given at unchanged figures.

**Acetone**—Market firm with prices unchanged.

**Acid Formic**—Firm and unchanged. Importers quote 11c@11½c lb for 90% and 10½c@11c lb for 85%.

**Acid Lactic**—Schedule prices firm and unchanged from maker and importers due to good demand.

**Acid Muriatic**—In fair demand with prices firm and unchanged.

**Acid Nitric**—Market steady on all grades. Prices firm and unchanged.

**Acid Sulfuric**—All grades in active demand, and shortage of some strengths existed during past week. Schedule quotations unchanged.

**Ammonia Anhydrous**—Competition sharp but quotations are unchanged at 13c@15c lb.

**Ammonia Aqua**—Market quiet but steady at 3c@4c lb for 26°.

**Ammonium Chloride**—Importers quote firm unchanged prices of 5½c@5¾c lb for white, and 6¼c@6½c lb for gray. Foreign market is very brisk. Domestic quotations steady at 6c@7c lb for white, and 7c@8c lb for gray.

**Arsenic**—Domestic producers have advanced prices to

basis of 3¼c lb due to anticipated demand from insecticide makers. Spot offerings remain at 3¼c lb.

**Barium Chloride**—Imported material is firm on spot at \$61.00@62.00 ton. One domestic maker names \$60.00@62.00 ton, while another names \$62.50@65.00 ton.

**Barium Carbonate**—Market firm with quotations at \$48.00@51.00 ton spot.

**Calcium Chloride**—Imported prices firm at \$17.50@18.00 ton for shipment. Domestic quotations are unchanged at \$21.00 ton.

**Calcium Acetate**—Market steady at \$3.25 100 lbs.

**Carbon Tetrachloride**—Prices firm and unchanged from leading makers at 6¼c lb for carlots.

**Chlorine**—In steady demand with makers maintaining schedule prices in all transactions.

**Copperas**—Sugar market greatly over-produced and consequently weak. Crystals are fairly steady as to price.

**Epsom Salt**—Technical prices firm and unchanged from makers and importers.

**Glauber's Salts**—Domestic prices of \$1.10 100 lbs. for carlots are soft. Imported offered at unchanged prices.

**Nickel Sulfate**—Single salt firm at 7½c@8c lb from importers; double at 8c@8½c lb.

**Potash Caustic**—In moderate request with importers and domestic maker quoting firm unchanged prices of 7½c lb for carlots.

**Potash Carbonate**—Quotations on all grades firm and unchanged for spot and shipment.

**Potassium Bichromate**—Demand fair. Makers' prices firm and unchanged.

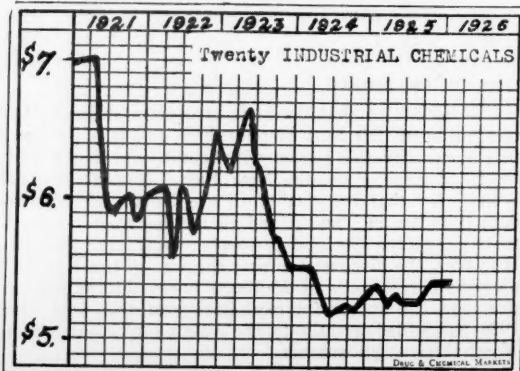
**Potassium Chlorate**—Maker firm at 8½c@9c lb for powdered and crystal, and importers at 8¼c@8½c lb.

**Potassium Cyanide**—In moderate routine demand. Quotations firm at 52c@55c lb.

**Potassium Oxalate**—Offering at 16c@17c lb as to quantity.

**Potassium Perchlorate**—Spot available at 10½c@10¾c lb. Shipment quoted at 12c lb.

**Potassium Prussiate**—Yellow firm and unchanged at 18½c@18¾c lb. Red in slight demand at unchanged prices.



**Soda Caustic**—Although large bulk of material is moving at firm unchanged schedule prices, considerable shading by unusual amounts is reported locally on solid.

**Sodium Bichromate**—Demand of good volume. Prices unchanged.

**Sodium Bisulfite**—Imported and domestic products offered at unchanged prices.

**Sodium Carbonate**—Steady movement of supplies reported at \$1.10@1.30 100 lbs. for carlots.

**Sodium Chlorate**—Domestic maker still names 5¼¢@6¢ lb at works. Importers name 6¼¢@6½¢ lb spot.

**Sodium Cyanide**—Market quiet but steady at unchanged prices for imported and domestic products.

**Sodium Fluoride**—Offerings made at firm unchanged prices of 8¼¢@9¢ lb.

**Sodium Nitrite**—In good demand at firm unchanged prices of 8½¢@9¢ lb.

**Sodium Oxalate**—Offerings quoted at 20¢@23¢ lb.

**Sodium Prussiate**—Quiet but firm at unchanged prices for imported and domestic products.

**Sodium Sulfide**—Prices firm and unchanged. Supplies are held by strong hands.

**Tin Oxide**—Market higher at 66¢ lb for barrels, following rise in metal prices.

**Tri-sodium Phosphate**—All makers firm at unchanged price of \$3.90 100 lbs. for carlots.

**Zinc Chloride**—Market is firm with makers naming 5¾¢ lb for fused, and 6¼¢ lb for granulated in carlots. Importers are shading the price on granulated due to heavy spot stocks.

Speaking before the Twentieth Century Club of Boston last week, Dr. James F. Norris, professor of organic chemistry at Massachusetts Institute of Technology, outlined how the chemists have saved the world from starvation by overcoming a prospect of a shortage of nitrates. This was in a talk on chemistry's contribution to agriculture, health and food production. He said that glucose has been synthesized in the laboratory from coal, water and air and other foods of great value can be produced as well.

James Higbie Polhemus, mining engineer in charge of mines of New Jersey Zinc Co., died on Feb. 12 at his home in Upper Montclair, N. J., at the age of 42. He was a native of East Orange. He was graduated from the Massachusetts Institute of Technology in 1906.

Hydrofluoric acid, its neutral and soluble salts, acid salts and their derivatives, and fluosilic acid, its salts and derivatives, have been added to the list of scheduled poisons in Germany.

Calcium carbide works at Makeyevski belonging to the Yugostal are to be reopened in order to increase the carbide production in the Soviet Union which is at present about half the requirements.

The first shipment of South African platinum will arrive in London soon. A contract has been concluded with Mond Nickel to refine in London the entire production of the Onvervacht property.

Mond Nickel Co. sulfuric acid plant at Coniston, Ont., is now operating and will have an annual production of 25,000 tons.

## BROMIDES HIGHER IN HAMBURG

**Yellow Prussiate of Potash and Sodium Hyposulfite Lower—Sal Ammoniac in Brisk Demand—Epsom Salts, Calcium Chloride and Barium Chloride Marked by Good Inquiry—Chlorate of Potash and Oxalic Acid Quiet**

(Special Radiogram to DRUG & CHEMICAL MARKETS)

Hamburg, Germany, Feb. 25—Prices of chemicals are unchanged this week, with the exception of the bromides which are higher and yellow prussiate of potash and sodium hyposulfite which are lower.

Sal ammoniac is in brisk demand. Inquiry is good for Epsom salts, calcium chloride, barium chloride, potash alum, potassium permanganate, and zinc chloride. Chlorate of potash and oxalic acid are quiet.

## CABOT BUILDING CARBON BLACK PLANTS

Godfrey L. Cabot Inc., Boston, has acquired by assignment the permit granted Phillips Petroleum Co. for the erection of a carbon black plant at Eliasville, Texas, and has now under construction a plant costing approximately \$400,000 with a daily capacity of 16,000 pounds. This plant will consume gas which is now being blown into the air at the gasoline plant of Phillips Petroleum Co. and at other plants in the Eliasville field. Godfrey L. Cabot, Inc. is also building a carbon black plant with a capacity of 8,000 pounds daily near Caddo, Texas, in conjunction with Humble Oil and Refining Co., the chief producing subsidiary of Standard Oil Co. of New Jersey. It is also making plans to expand its production in Montana.

The large pipe line which will be laid from the Monroe field in Louisiana to Baton Rouge will provide a market for the Monroe gas and further curtail the production of carbon black in that field.

American Products Co. has sold 40,000 shares of preference stock, no par value, at \$25 a share, to yield 8 per cent net. The preference stock is entitled to receive dividends at the rate of \$2 a share a year, payable quarterly, before any dividends can be declared on the common. After dividends of \$2.50 a share have been paid on the common stock in any year, the preference and common stocks will participate in any further dividends in the proportion of \$1 a share for the preference stock and \$2 for the common.

The magnesite industry of Canada is undergoing a survey by the National Research Council with a view to working a large deposit which is located at Grenville, between Ottawa and Montreal. It is planned to reduce the labor costs by utilizing a greater portion of the crude rock and to make improvements that will make the Canadian product more desirable than others.

Explosive Chemical Co., New York, has been awarded a contract to supply Picatinny Arsenal with 200 lbs. re-distilled mercury at \$1.23; Merck & Co. is to supply 25 gal. acetone at \$1.17; and Grasselli Chemical Co. is to supply 150 lbs. sodium cyanide at 20¢.

S. Weinstein Supply Co., New York, has been awarded a contract to supply Edgewood Arsenal with 5,500 lbs. aluminum chloride at \$24.22 in steel drums, and Dow Chemical Co., is to supply 2,600 lbs. monochloroacetic acid at 19¢ lb.

American Window Glass Co. has resumed operations at its Kane, Pa., plant, employing 250 workers.

Neumann-Buslee & Wolfe, Chicago, has moved to 224-226-228 W. Huron st. Telephone Superior 1992-1993.

# The Intermediate and Dye Market

Current Spot Quotations for Intermediates, see Chemical pages 566-584

## XYLIDINE LOWER; CRESYLIC ACID SHADED

Pyridine Weakens Further on Lack of Demand—Phenol and Naphthalene Quiet—Benzene Strong—Toluene Easy—Solvent Naphtha and Xylene Tight—Meta-Toluylenediamine Shaded—Ortho-Anisidine and Dianisidine Lower—Intermediate Demand Small and Routine

### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

	Trend of the Market					
	Advanced			Declined		
	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acid Cresylic, 1c gal.						
Dianisidine, 25c lb.						
Meta-Toluylenediamine, 1c lb.						
Ortho-Anisidine, 25c lb.						
Pyridine, 5c gal.						
Xylidines, Mixed, 2c lb.						
Benzene, pure . . . . . gal.	\$ .23	\$ .23	\$ .23	\$ .23	\$1.10	\$ .25
Naphthalene flake . . lb.	.0534	.0534	.06	.05	.16	.03
Phenol Spot . . . . . lb.	.22	.22	.22	.24	1.50	.08
Toluene . . . . . gal.	.35	.35	.35	.26	—	—
Aniline Oil . . . . . lb.	.16	.16	.16	.16	1.40	.10 1/2
Alpha-naphthylamine lb.	.35	.35	.35	.35	1.28	—
Benzaldehyde . . . . . lb.	.70	.70	.70	.70	—	—
Betanaphthol . . . . . lb.	.24	.24	.24	.24	1.50	.08
Dimethylaniline . . . lb.	.31	.31	.31	.33	1.30	—
Paranitroaniline . . lb.	.48	.48	.53	.60	1.68	.18
Average . . . . .	0.310	0.310	0.315	0.316	—	—

Light oil distillates occupied practically unchanged positions over the week and prices remained firm. Benzene continued to strengthen due to the pending curtailment of coking operations resulting from the settlement of the anthracite coal strike, and also due to the strengthening in gasoline tank wagon prices. Toluene is quite easy in some quarters while in other directions it is about steady. Xylene and solvent naphtha are still fairly tight with most distributors. Naphthalene and phenol are in very small request although prices show no variation due to manufacturers being in control of practically all supplies. Pyridine is weak and quotations have been shaded still further due to lack of demand.

Intermediates are in quiet routine demand. Price revisions for the most part continue to be downward although strengthening in a few very weak items is reported.

### Crudes

**Benzene**—Quotations are unchanged but very firm. Pending curtailment of coking operations as a result of the settlement of the anthracite coal strike coupled with recent advances in tank wagon gasoline prices gives the market an upward appearance. Tanks of pure are offered at 23c gal. at mills, and 90% at 24c gal. Drums are 5c gal. higher.

**Cresylic Acid**—Spot demand is slight and prices have been shaded by leading sellers. Open quotations are 58c @ 60c gal. for 97-99% pale acid. Shipment is quoted at 56c @ 58c gal.

**Phenol**—Market firm under quiet routine demand with makers in possession of all supplies and quoting unchanged prices of 22c lb for large drums on spot.

**Phthalic Anhydride**—Makers report good demand and quoted firm unchanged prices.

### INDUSTRIAL CHEMICAL SECTION

**Pyridine**—Weak on spot and for shipment following long period of small buying. Spot goods are openly offered at \$4.30 gal., and shipment at \$4.00 gal.

**Solvent Naphtha**—Supplies remain insufficient to satisfy the demand although consumers are obtaining a greater proportion of their requirements. Quotations are firm and unchanged.

**Toluene**—Easier with supplies available for prompt shipment from most factors. Prices are firm and unchanged.

**Xylene**—All grades remain scarce with prices firm and unchanged.

### Intermediates

**Acid Gamma**—Quotations remain at \$1.30 @ \$1.36 as to quantity although reports of sharply lower prices are heard.

**Acid H**—Open prices remain at recent reduction to 63c @ 68c lb but some lower prices are reported but not confirmed.

**Acid N & W**—Firm and unchanged with leading sellers naming 95c @ 99c lb.

**Alpha-Naphthylamine**—Firm and unchanged from makers at 35c @ 37c lb.

**Aniline Oil**—Steady with prices firm and unchanged at 16c @ 17c lb.

**Benzidine**—Fairly steady at 72c @ 74c lb.

**Dianisidine**—Demand is light with makers quoting lower prices of \$3.25 @ \$3.50 lb.

**Dimethylaniline**—Demand fair with some makers quoting 31c lb, and others 32c lb for carlots. Less carlots are offered at 32c @ 34c lb.

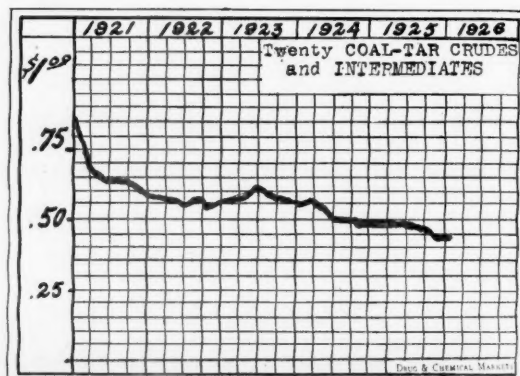
**Dinitrobenzene**—Firm at recent advance to 15c @ 16c lb as to quantity.

**Dinitrochlorobenzene**—Firm and unchanged at 15c @ 16c lb.

**Dinitrotoluene**—Firmer with quotations unchanged at 18c @ 19c lb.

**Diphenylamine**—Fair demand. Prices firm at 48c @ 50c lb.

**Ethylbenzylaniline**—Quiet with shading of quotations at \$1.05 @ \$1.10 reported.





**Meta-Nitroaniline**—Market quiet. Prices unchanged at 73c@77c lb.

**Meta-Phenylenediamine**—Higher and firm at 90c@94c lb as to quantity.

**Meta-Toluylenediamine**—Quotations lower from leading makers at 72c@74c lb as to quantity.

**Monochlorobenzene**—Firm and unchanged from makers at 7c lb for less carlots of drums.

**Nitrobenzene**—In fair demand. Quotations firm and unchanged.

**Ortho-Anisidine**—Market lower with makers naming \$2.50@\$2.75 lb.

**Ortho-Nitrochlorobenzene**—Firm and unchanged from makers at 32c@35c lb.

**Ortho-Nitrotoluene**—In small routine demand at unchanged prices.

**Ortho-Toluidine**—Steady consuming demand at firm unchanged prices of 25c@27c lb.

**Para-Nitroaniline**—Competition sharp. Prices fairly steady at last week's reduction to 48c lb for single barrels of lake-makers' grade.

**Para-Phenylenediamine**—Quiet but unchanged at \$1.20 lb for single barrels.

**Para-Toluidine**—Although nominal quotations have been 50c lb for some time past, makers have been losing orders at that price. Within the past week buying is reported at 50c and the market appears much firmer due to low priced seller being practically unloaded. An advance is likely.

**R Salt**—Market firm at 48c lb for barrels.

**Sodium Naphthionate**—Easy with open quotations unchanged at 55c@59c lb.

**Tolidine**—In fair request and firm at 90c@94c lb.

**Xylidines Mixed**—Lower at 38c@40c lb from leading makers.

# SAY GERMAN DYE CARTEL IS TOP HEAVY

The German dyestuff industry is going through a period of severe depression, says a Berlin despatch to "Wall Street Journal." They are producing dyestuffs at a loss, recouping themselves on chemicals, such as ammonium nitrates. Companies have more plant than they need to meet the existing demand. Many old foreign markets are cut off, and the domestic market is somewhat smaller, than before the war when their plant was but little more than half its present size.

The merger was precipitated by the critical plight of some of the chemical companies. Only the Badische Aniline, thanks principally to its nitrate and methyl alcohol outputs, was in a strong financial position. Today it has about an 80% production and financial place in the group and under the able leadership of Mr. Bosch has the real control.

Difficulty inside the group is the new trust is top-heavy. There are 40 directors, 44 substitutes, and a supervisory committee of 11 members. There is a supervisory board of 50 members. In contrast du Pont, for example, would not have over half a dozen directors doing much the same work. In that Badische Aniline has the dominant position it may be assumed that the other companies will have to renounce their theoretical equality when a vigorous reorganization is made.

A disputed point is the fact that the preferred shares carry with them a hundred times the voting rights of the common. In answer, the board stated: "In view of the great national interests at stake in the dyestuff group the company is of the opinion that it is impossible to decrease special voting rights as existing at present."

# CANADIAN DYE CO. SHOWS DEFICIT

(Special to DRUG & CHEMICAL MARKETS)

Montreal, Feb. 24—Dye and Chemical Co. of Canada, Ltd., which started producing last year has issued its first annual report which says the company started to build its plant in October 1924, and practically finished it in July, 1925. President F. W. Attack, in his address to shareholders, says that the use of salvaged materials from old buildings on the site saved much capital expenditure.

From the start of operations to Dec. 30 there is a manufacturing loss of \$5,442. Overhead, maintenance, interest, etc., bring the total deficit up to \$10,534. Sales profits amounted to \$931, reducing the net deficit to \$9,602. Assets are \$230,985, exceeding liabilities by \$15,400.

# ITALIAN DYE TRADE IS BRISK

(Special to DRUG & CHEMICAL MARKETS)

Milan, Italy, Feb. 6—Receipts of war reparation dyes continue, Italy having received during the first four months of the second year of the application of the Dawes plan 1,295,000 gold marks of dyes and pharmaceutical products. Certain dyestuffs, increasing from year to year, are received through private commerce for the dyeing of wool, silk, cotton, linen and artificial silk goods, and for paper and leather. The local producers and German exporters benefit by the situation.

Quotations are as follows per 100 kilos: Naphthol yellow, 4,500 to 7,000 lire; auramine, 6,500 to 7,500 lire; orange II, 1,600 to 2,000 lire; nigrosine, water soluble, 3,000 to 3,800 lire; nigrosine, soluble in alcohol, 3,300 to 4,000 lire; sulfur black, 770 to 1,200 lire; acid black, 1,700 to 3,200 lire; direct black, 1,850 to 3,000 lire; chrome black, 2,500 to 3,000 lire; methylene blue, 8,200 to 9,700 lire; direct blue, 1,500 to 2,500 lire; sulfur blue, 2,000 to 4,000 lire; malachite green, 7,500 to 9,700 lire; acid green, 6,500 to 7,500 lire; direct green, 2,000 to 3,600 lire; Bismarck brown, 2,600 to 3,000 lire; Magenta crystals, 7,500 to 8,600 lire; Eosine, 5,500 to 8,000 lire; ponceaux, 2,400 to 3,000 lire; methyl violet, 7,000 to 8,600 lire.

# DU PONT OFFERS TWO NEW COLORS

E. I. du Pont de Nemours & Co. announce the addition of Pontachrome Blue Black BB to their line of wool colors. When dyed after chrome this product gives deep blue blacks of excellent fastness to light, rubbing, fulling, potting, scouring, alkalies and perspiration, says the announcement. The company is also offering Halopont Violet, a new color prepared especially for the paper trade, to the line of Halopont colors already on the market. This new color has all the good properties of the other members of the series and is used like them. It is fast to acid and is not affected by alkalies and in addition is fast to light. It is used, therefore, as a reddening agent with the Halopont Blues for high grade papers such as bonds, book and ledger. Halopont Violet can be thrown into the beater in the dry powder or made into a thin paste with water.

Anderson Chemical Co., lacquer division of Merrimac Chemical Co. will open a Chicago office under the direction of Charles P. Rockwood.

Ethyl acetate is to be manufactured by Canadian Electro Products Co. at Shawinigan Falls, Quebec, early in March.

Akron Varnish Co. has organized a lacquer department under the direction of Dr. S. F. Dimlich.

# The Oil Market

Current Spot Quotations for Oils, Greases, page 585

## COTTONSEED AND RAPESEED OILS HIGHER

Soya Bean Lower—Chinawood and Perilla Oils Steady  
—Coconut and Palm Oils Quiet But Firm—Linseed  
Oil Strong and Active—Greases Higher—Tallow  
Firm—Stearine Down—Oleo and Neatsfoot Oils  
Unchanged—Cod and Menhaden Oil Up—Sperm Oil  
Down

### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Cod Oil, Bbls., 5c gal.  
Cottonseed Oil, 1/4c lb.  
Grease, Yellow, 1/4c lb.  
Grease House, 1/4c lb.

#### Advanced

Grease Brown, 1/4c lb.  
Menhaden Oil, 2c gal.  
Rapeseed Oil, 1c gal.  
Tallow, City Extra, 1/4c lb.

#### Declined

Castor Oil 1/4c lb.  
Stearine Oleo, 1/4c lb.

Soya Bean Oil, 1/4c lb.  
Sperm Oil, 2c gal.

### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Cod Oil, N Y gal	\$ .68	\$ .63	\$ .69	\$ .62	\$ 1.26	\$ .26 1/2
Degras American, bbl. lb.	.04 1/4	.04 1/4	.04 1/4	.04 1/4	.23	.03 1/2
Lard No. 1 gal	.83	.93	.93	.91	2.90	.92
Menhaden, ord., tks gal.	.55	.55	.55	.55	1.20	.33
Neatsfoot 20° c.t. gal	1.59 1/2	1.59 1/2	1.27 1/2	1.20 1/2	8.45	.95
Red Oil distilled lb.	.10 3/4	.10 3/4	.10 3/4	.11 1/4	.17	.07
Stearic Acid, T. P. lb.	.17 1/2	.17 1/2	.17 1/2	.16 1/2	.33	.12
Coconut, Ceylon tks lb.	.10 1/2	.10 1/2	.10 1/2	.10 1/2	.30	.14
Cottonseed crude, tks lb.	.10 1/4	.10	.09 1/2	.08 5/8	.25	.08
Linseed crude gal	.84 3/4	.84 3/4	.84 3/4	1.12	1.85	.57
Olive, denatured gal.	1.20	1.20	1.20	1.30	4.50	1.05
Peanut, refined lb.	.15	.15	.15	.14	.30	.08
Soya Bean bbls lb.	.13	.13 1/4	.13 1/4	.13 3/4	.19 1/4	.07
Average	4.90	4.85	4.86	0.506	5.92	1.56

Firmness characterized vegetable prices during the past week although declines were recorded in a few items. Demand was slight but factors were generally unwilling to shade quotations to any considerable extent due to the fact that stocks for the most part are in strong hands. Spot stocks and material bought ahead by importers are large but factors appear certain that consumers will have to come into the market in a large way at an early date. Linseed oil is more active and greatly improved buying is reported for the past week. Consumers are apparently of the same opinion as the crushers in that prices have touched bottom and higher prices should prevail shortly.

Animal oils and fats are firm with very few changes in quotations. A steady demand is being experienced for practically the entire list although surplus stocks on a few products have caused some shading.

Fish oils are in good demand and quotations are higher on several items. Sperm oil, however, is an exception and lower prices are named on both grades.

### Vegetable Oils

Castor Oil—Reduced 1/2c to 13c lb. Demand of small routine character.

Chinawood Oil—Demand moderate. Prices firm and unchanged at 11c lb spot tanks Pacific Coast, and 10 3/4c lb for March-April; 11 1/2c lb nominal spot tanks New York; 12 3/4c@13c lb spot barrels.

Coconut Oil—Quiet with small routine demand. Stocks large. Prices firm and unchanged. Ceylon tanks spot New York 10 1/4c@10 3/8c lb; barrels 11c@11 1/4c lb; Cochin tanks spot 10 3/4c lb, barrels 11 3/4c@12c lb; Manila tanks spot Pacific Coast 9 1/4c lb, barrels spot New York 10 3/4c@11c lb.

### INDUSTRIAL CHEMICAL SECTION

Corn Oil—Market steady with moderate demand. Prices firm and unchanged on all grades.

Cottonseed Oil—Crude higher at 10 1/4c@10 1/2c lb in tanks at mills. Prime summer yellow higher at 11.62c lb spot; Feb. 11.62; March 11.65c; April 11.65c; May 11.71c; June 11.78c; July 11.82c; Aug. 11.91; Sept. 11.91c.

Linseed Oil—Market firm and buying active last week. Crushers quotations 11.3c lb for carlots barrels Feb.-April, and 11.5c lb May-Aug. Argentine receipts at height and firmness now makes outlook for higher prices soon. Seed markets quoted as follows: Minneapolis May \$2.43; July \$2.46; Duluth Feb. \$2.39 1/2; March \$2.39 3/4; May \$2.40 1/4; July \$2.41 1/2; Winnipeg May \$2.07 7/8; July \$2.10 1/4; Oct. \$2.06; Buenos Aires Feb. \$1.59 1/4. Linseed at London quoted at 32s 112 lb; Antwerp 332f 100 kilos.

Olive Oil—Denatured in fair demand. Prices firm and unchanged at \$1.20@1.25 gal. as to seller and quantity. Edible firm at \$1.85 gal. in barrels.

Olive Oil Foots—Quiet but firm. Quotations unchanged at 8 5/8c@8 7/8c lb spot, and 8 3/4c@9c lb for shipment.

Palm Oil—Lagos oil in good supply with demand slight. Quotations firm and unchanged at 8 1/2c@9c lb for casks spot. Niger in same position with prices firm and unchanged at 7 3/4c@8 1/4c lb.

Palm Kernel Oil—Demand slight and stocks heavy. Prices firm and unchanged at 9 1/4c lb for casks, and 10 1/4c@10 1/2c lb for barrels spot.

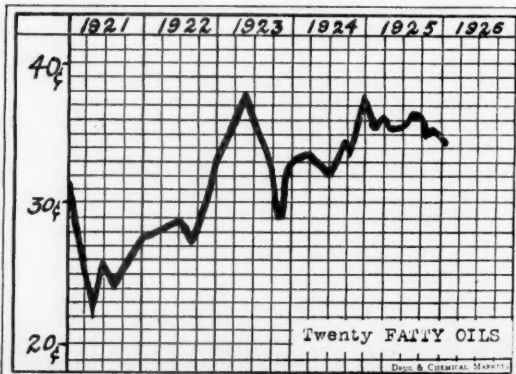
Perilla Oil—Offerings light and demand good. Prices firm and unchanged at 15 1/4c lb for barrels spot, and 12 1/2c lb for tanks Pacific Coast.

Rapeseed Oil—Higher and firm following increased demand on spot. Japanese oil quoted at 91c gal. spot, and 88c gal. for futures. English oil 94c gal. spot, and futures.

Soya Bean Oil—Market lower following small demand and heavy stocks. Crude oil is offered at 11 1/2c lb for tanks Pacific Coast; 11 1/4c lb tanks New York; 13c lb barrels New York. Refined oil lower but firm at 13 3/4c lb.

### Animal Oils

Greases—Choice white unchanged at 11c@11 1/4c lb. Other grades higher at 9c lb for yellow; house 8 5/8c lb; brown 8 1/2c lb.





**Lard Oil**—Quotations on all grades firm and unchanged due to steady demand.

**Neatsfoot Oil**—All grades quoted firm and unchanged.

**Oleo Oil**—Market easy at recent reduction with supplies large.

**Stearine Oleo**—Lower and easy at 11c@11½c lb.

**Tallow**—City extra advanced slightly and firm at 9½c lb. Edible firm and unchanged at 10½c@11c lb.

**Tallow Oil**—Prices firm and unchanged at 11¼c lb for tanks, and 12¾c lb for carlots of barrels.

### Fish Oils

**Cod Oil**—Tanks firm and unchanged at 60c@63c gal. at New York; barrels higher and firm at 68c@70c gal.

**Menhaden Oil**—Crude oil remains nominal. Refined grades higher and firm at 72c@74c gal. for light pressed; yellow bleached 75c@77c gal.; extra bleached 77c@79c gal.

**Sperm Oil**—Lower prices quoted but market is firm at 85c@86c gal. for 38° c. t. bleached, and 82c@84c gal. for 45° c. t. bleached.

**Whale Oil**—Steady demand, prices firm and unchanged at 76c@78c gal. for natural winter; bleached winter 78c@80c gal.; extra bleached 80c@82c gal.

### COTTONSEED PRODUCTS INCREASE OUTPUT

(Special to DRUG & CHEMICAL MARKETS)

Washington, Feb. 23—Cottonseed crushed in the six months' period, Aug. 1 to Jan. 31, totaled 3,808,597 tons, compared with 3,248,452 tons in the same period a year ago, and cottonseed on hand at mills on Jan. 31 totaled 1,099,371 tons, compared with 900,899 tons a year ago, according to the Census Bureau.

Cottonseed products manufactured in the six months' period and on hand Jan. 31 were:

Crude oil production, 1,094,651,531 pounds, compared with 572,922,234 pounds a year ago, and on hand 128,967,122 pounds, compared with 122,352,166 a year ago.

Refined oil produced 840,377,637 pounds, compared with 766,328,973, and on hand 224,856,872 pounds, compared with 303,788,806.

Exports of cottonseed products during the six months' period were: Crude oil 22,808,271 pounds, compared with 13,778,882; refined oil 16,859,373 pounds, compared with 18,347,635.

Imports of chinawood oil during September totaled 8,606,485 pounds, valued at \$914,420. Flaxseed imports amounted to 1,920,701 bushels, valued at \$4,241,279. During the same month imports of linseed oil were 1,642,955 pounds valued at \$140,692. Alcohol imports for December were valued at \$62,986. Imports of chloride amounted to 10,335,587 pounds, valued at \$40,143.

The Philadelphia Chemical Club has extended an invitation to the Mixers Club, The Paint & Varnish Association, and The Philadelphia Drug Exchange, to attend their meeting to be held at The Adelphia Hotel, Philadelphia, March 8, at 12:30 P. M., to hear W. T. Delehanty, assistant chief, Department of Commerce, Bureau of Foreign and Domestic Commerce, Washington, D. C.

President Coolidge has sent the linseed oil report back to the Tariff Commission "for further information," because of the recent ruling of Attorney General Sargent that transportation costs should be included in the surveys. This was not done in the linseed report sent to the President by the Commission.

### COTTONSEED PRICES DECLINE AT HULL

(Special to DRUG & CHEMICAL MARKETS)

Hull, England, Feb. 13 (By Mail)—Linseed firm, with a good consumptive demand for near and afloat seed. Forward shipments dearer on bears covering. Plate: Spot £16 15s, afloat £16 10s to £15 10s, Jan.-Feb. to April-May £15 7s 6d. Calcutta: Spot £18, Feb.-March £17 15s, April-May £17 10s. Bombay: Spot £18 10s (nominal), Feb.-March £18 5s, April-May £18.

Linseed Oil—A recovery has taken place in the market during the week. Continental shippers withdrew their cheap offers, and although good business has been concluded with U. K. crushers, demand has been very good, both from customers and speculative "Shorts." The Argentine markets have also become firmer on American buying of seed. Up to 31s was paid for all positions at one time, but values went lower again. The close is very firm again on "Shorts" buying. Hull: Spot £31 15s, Feb.-April £31 15s, May-Aug. £31 15s, Sept.-Dec. £31 15s, net, naked, ex-mill.

Cottonseed—Prices have declined owing to lack of orders; trade in cottonseed products is slow. Black: spot £9, afloat £9 2s 6d; February £9 5s, March £9 7s 6d sellers. Sakels: spot £8 6s 3½d afloat and February £8 6s 3d. March £8 8s 9d, value £8 5s. Bombay: spot £7 15s, afloat £7 15s sold, Feb.-March £7 12s 6d sellers.

Cotton oil quiet and neglected. Egyptian crude 33s 6d. Bombay 32s, edible 37s 3d. Soap, refined 36s.

### OLIVE OILS ADVANCE AGAIN IN ITALY

(Special to DRUG & CHEMICAL MARKETS)

Genoa, Italy, Feb. 6—The demand for Italian olive oils is brisk. Prices have risen again and buyers insist on immediate deliveries. Quotations are as follows per 100 kilos:

Riviera Ponente fine new, lire 1,150 to 1,160; Bari extra, lire 1,070 to 1,080; Bitonto extra, lire 1,150 to 1,200; Molfetta extra, lire 1,150 to 1,200; Calabria extra, lire 1,100 to 1,200; Sardegna fine, lire 1,100 to 1,200; Toscana fine, lire 1,150 to 1,200; Lecce fine, lire 1,070 to 1,090; Bisceglie extra, lire 1,125 to 1,175; Andria extra lire 1,125 to 1,175; Sicily extra, lire 1,000 to 1,000; Rome extra fine, lire 1,100 to 1,150; Abruzzi fine, lire 1,100 to 1,150; refined olive oil, lire 1,020 to 1,055.

Quotations for foreign olive oils, c. i. f. Genoa, are as follows per 100 kilos: Tortosa olive oil, pesetas 250 to 260; Aragona olive oil, pesetas 280 to 290; Borjas olive oil, pesetas 280 to 290; Andalusian olive oil, pesetas 240 to 250; Malaga olive oil, pesetas 215 to 220; refined Spanish olive oil, pesetas 242 to 245; Tunis olive oil, first quality, francs 945 to 975; Tunis olive oil, second quality, francs 890 to 910. The demand for oils for producing soap, margarine, candles, paints, etc. is active, and some changes in price are noted. Quotations at Genoa are as follows per 100 kilos: Green olive oil, 438 to 440 lire; Italian beef tallow, 548 to 550 lire; bleached palm oil, 558 to 560 lire; white cocoanut oil, 595 to 600 lire; colophony, 300 to 350 lire; arachis oil, 590 to 620 lire; crude linseed oil 504 to 505 lire; boiled linseed oil, 514 to 515 lire; colza oil, 654 to 655 lire; denatured colza oil, 624 to 625 lire; English castor oil, 604 to 605 lire.

Genoa quotations, c. i. f., for industrial oils are as follows per ton: Soya oil, £47 to £48; arachis oil, £57 to £58; foreign tallow, £44 to £49; foreign bone grease, £38 to £40; Lagos palm oil, £40; bleached palm oil, £45; foreign cocoanut oil £44.

# Miscellaneous Raw Materials

Heavy Chemicals 566-584, Tan and Dyestuff 566-584, Fatty Oils, 585

## NAVAL STORES EASIER ON SPOT

Rosin and Turpentine Down Since Last Week—Accelerators Quiet But Firm—Phosphate Rock Prices Advanced at Mines—Blood Easier at Chicago—Other Fertilizers Unchanged—Dry Colors Moving in Good Volume—Dyewoods Inactive and Firm—Starches and Dextrins Neglected—Antimony at Former Levels

### PRICE CHANGES IN NEW YORK

(Stocks in First Hands)

#### Advanced

Phosphate Rock	
68% 25c per ton	
70% 65c per ton	
72% 50c per ton	
75%-74% 50c per ton	

#### Declined

Turpentine 4 1/2c per gal.	Rosin M. 35c per 280 lbs.
Rosin E. 25c per 280 lbs.	Rosin K. 15c per 280 lbs.
Rosin G. F. 45c per 280 lbs.	Blood, Chicago. 25c per unit
Rosin H. 40c per 280 lbs.	Blood, New York. 5c per unit
Rosin I. 25c per 280 lbs.	Blood, So. Amer. 5c per unit

The New York spot market on both turpentine and rosin was somewhat easier this past week, which is attributed to the lack of actual buying interest from consuming channels. Some inquiry is in evidence, but sales are not up to the expectations of the factors in this market. Kubic accelerators are unchanged, though makers report that business is being done in good volume. Albumens are in relatively the same position as last week. Blood albumen is still scarce on spot, with prices well maintained. Dry colors have not registered an appreciable change. The color makers state that orders are coming in satisfactorily at the figures

quoted. Dye and tan woods are quiet but firm on spot and for shipment. This firmness in dyewoods is encouraging to the local importers. Fertilizers are also unchanged. The higher nitrate of soda schedule in effect March 1, has not hastened the buying of large quantities prior to that date. South American and Chicago blood are a shade easier. The antimony market is quiet and unchanged and prices are named at the former level both for shipment and spot parcels. The other metals are somewhat easier on spot. A canvass of the various markets shows an optimistic feeling in most fields, with the opinion that March will show a renewed consuming interest all along the line.

## ACCELERATORS

Aldehyde Ammonia—Makers report the market as 80c @ 82c lb spot with good interest.

Diorthotolyl-Guanidine—Unchanged at \$1.05@\$1.08 lb, f. o. b. works.

Diphenyl-Guanidine—Moving in good volume at 90c @ 93c lb, spot New York.

Ethylidine-Aniline—Offered at former levels of 60c @ 65c lb New York.

Formaldehyde-Aniline—The demand is good and prices are maintained at 40c @ 42c lb.

Paraformaldehyde—Is also quoted at 40c @ 42c lb.

Hexamethylene—Market quiet with quotations heard at 60c @ 62c lb.

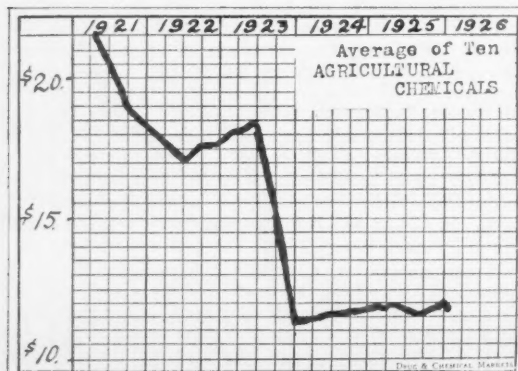
Thiocarbanilid—Unchanged and quiet at 26c @ 28c lb.

Triphenyl-Guanidine—Interest in fair volume at 70c @ 75c lb.

## Agricultural Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acid Sulfuric, 66% .. ton	\$14.00	\$14.00	\$14.00	\$14.00	\$15.00	\$24.00
Am. Sulfate, .. 100lbs.	2.95	2.95	2.95	2.75	1.75	2.05
Arsenic, .. 100lbs.	3.50	.03	.03	.05	.18	.04
Copper Sulfate, .. 100lbs	4.30	4.30	4.45	4.70	20.00	4.00
Paris Green, .. 100	.19	.19	.19	.21	.50	.11
Potash Muriate, 90% ton	34.90	34.90	34.90	34.55	44.00	48.00
Potash Sulfate, 90% ton	45.85	45.85	45.85	45.85	44.00	48.00
Phosphate, Acid 16% ton	10.00	10.00	10.00	9.50	11.00	3.00
Phosphate Rock 68% ..	3.25	2.75	2.75	2.25	11.00	3.00
Sodium Nitrate 100 lbs.	2.71	2.71	2.67	2.65	5.00	1.90

Average .. 11.829 11.790 11.785 11.650 103.50 13.84

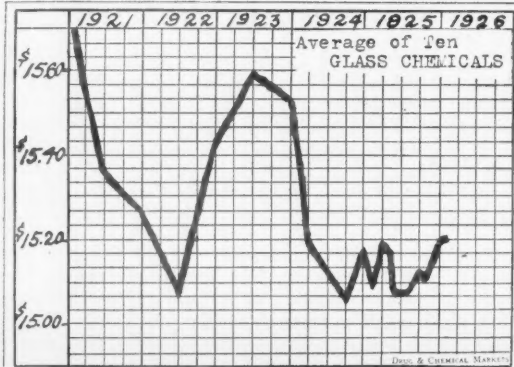


INDUSTRIAL CHEMICAL SECTION

## Glass Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Arsenic, .. 100lbs.	\$3.50	\$3.00	\$3.00	\$5.75	\$18.00	\$4.00
Fluorspar 96% c f r ton	33.50	33.50	33.50	34.00	60.00	28.00
Limestone ground .. ton	4.50	4.50	4.50	4.50	8.50	4.00
Litharge, .. 100lb.	11.50	11.50	11.50	12.25	17.00	9.00
Salt Cake, .. 100lb.	19.00	19.00	19.00	18.00	40.00	15.00
Silica, crude .. 100	6.00	6.00	6.00	10.00	20.00	8.00
Soda Ash Dense .. 100lb.	1.45	1.45	1.45	1.45	4.10	.69
Sol'm Silic-fluoride 100 lb.	4.25	4.25	4.25	4.50	10.00	3.50
Sol'm Sulfate, anhy 100 lb.	4.50	4.50	3.00	3.00	10.00	3.50
Tin Oxide, .. 100lbs.	66.00	64.00	66.00	58.00	100.00	60.00

Average .. 15.270 15.020 15.070 15.020 28.56 18.07



### ALBUMENS

**Blood**—There has been no apparent relief in the small spot stocks of blood albumen and dealers here report the spot market at 55c@60c per lb.

**Egg**—Is virtually unchanged at \$1.05@1.08 lb, spot. The demand is said to be all that can be expected for this period of the year. A heavier buying interest is looked for in March and April. Shipment goods are practically on a par with spot. Technical is also unchanged.

**Vegetable**—Unchanged with good demand in evidence at 55c@60c lb.

### COLORS AND PIGMENTS

**Carbon Black**—Prices unchanged with makers naming 8c lb f. o. b. works. Market fairly active with contract business being done in an average way.

**Blues**—Makers report a good inquiry for blues. The market is unchanged, with competition keeping the figures at 31c@32c lb.

**Chrome Yellow**—At the quoted figures of 16c@17c lb f. o. b. works, a good volume of business is being done, with competition on the part of the sellers in evidence.

**Chrome Green**—At former level of 26½c@28½c lb for C. P. This is said to be an inside figure as some sellers quote a somewhat higher figure.

**Toners**—Para red moving in good volume at the recent reduction to 75c@80c lb. Lithol is named at 80c@85c lb. Toluidine unchanged at \$1.75@1.80 lb, f. o. b. works.

**Vermilion**—Quiet with domestic makers quoting \$1.40 @ \$1.45 lb as the spot market.

### DYE AND TAN WORKS

**Divi Divi**—Spot parcels are quoted at the unchanged figure of \$47.50 per ton. Some importers are quoting higher figures, but this price can be generally done. The market is quiet.

**Hemlock Bark**—Market weak at \$12.00@16.00 ton as to position and seller.

**Mangrove Bark**—Neglected, but firm at previous levels of \$44.00 ton spot.

**Myrobalans**—Dealers state that some interest is in evidence. J1 \$42.00@43.00; R2 \$30.00@37.00 as to position; J2 \$32.00 ton.

**Sumac**—Market is quiet with dealers naming \$100.00 in a nominal way as the market.

**Valonia**—Is reported as moving in fair volume at unchanged figures of: beads, \$55.00 ton; mixtures \$40.00 ton and cups \$34.00 ton.

**Wattle**—Quiet with prices unchanged at \$41.50 ton for shipment. The market is firm at these figures.

### FERTILIZERS

**Nitrate of Soda**—The market has been quiet this past week and in spite of the fact that the new schedule of March prices goes into effect shortly there has been no large demand for material at the current market. The present spot market is at \$2.71@2.74 per 100 lbs. Effective March 1, the spot and shipment prices will be \$2.72@2.75 per 100 lbs. A lively interest is anticipated at an early date.

**Blood**—South American blood is a shade easier for shipment and is obtainable at \$3.80 per unit for this position. Blood at Chicago is named at the lower figure of \$4.00. New York at \$4.20 per unit. This decrease in domestic prices is probably caused by the continuance of the low quotations for South American parcels.

**Tankage**—Is practically unchanged with dealers quoting \$4.35 and 10c for ground spot. Stocks are reported as limited but the demand has been light this week. South American for shipment and to arrive is quoted at \$4.10 and 10c per unit.

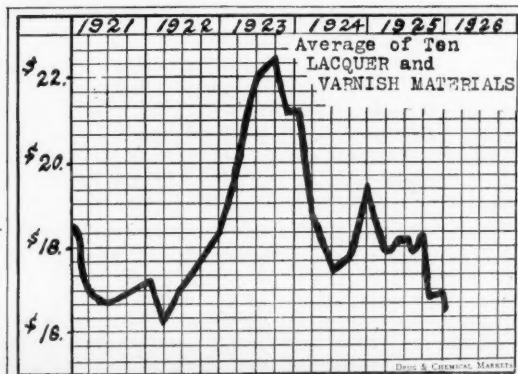
**Fish Scrap**—Market is nominal with holders quoting \$4.75 and 10c per unit, f. o. b. Baltimore.

**Sulfate of Ammonia**—Market is quiet with parcels moving in a routine way at unchanged prices.

**Phosphate Rock**—There has been an advance in this material, which dealers here attribute to a better demand

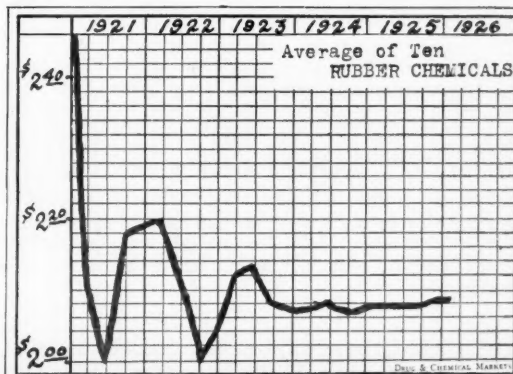
## Lacquers and Varnishes

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetone c-l drs wks 10 lb	\$1.20	\$1.20	\$1.20	\$1.00	\$5.50	\$1.05
Butyl Al, drs wks	1.95	1.95	1.90	2.70		
Chinwa Oil, bbls NY 10 lb	1.28	1.28	1.30	1.48	2.00	.68
Copal Congo, Amber 10 lb	1.00	1.00	1.00	1.00	1.90	1.80
Fusel Oil	1.40	1.50	1.80	2.60	4.00	2.50
Benz 90% tks wks 10 gal	2.40	2.40	2.40	2.10	3.00	2.50
Linseed Oil, c-l bbls gal.	.843½	.84¾	.89¾	1.17	1.88	.53
Rosin F grade Y 28 lb	1.40	1.43	1.55	.83	1.70	.43
Soluble Cotton	4.00	4.00	4.00	4.00		
Turp c-l ex-dock gal	1.04½	1.11	1.11½	.92½	.70	.49
Average	1.628	1.666	1.704	1.720		



## Rubber Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Antimony Sulfide crim	\$3.39	\$3.39	\$3.39	\$3.39	\$4.45	\$3.35
Carbon Bisulfide	.06	.06	.06	.06	.50	.10
Carbon Black cases NY	.13	.13	.13	.09¾	.30	.14
China clay, Imp	16.00	16.00	16.00	16.00	20.00	14.00
Hexamethylene	.82½	.82½	.82½	.82½	1.35	.05
Iron Oxide, Span	.03	.03	.03	.03	.04½	.05
Lithopone	.06½	.06½	.06½	.06½	.08	.04
Sulfur	3.05	3.05	3.05	3.00	6.50	2.75
Whiting, Dom	14.00	14.00	14.00	14.00	30.00	11.00
Zinc Oxide, Amer	.08¾	.08¾	.08¾	.08¾	.09¾	.09
Average	3.463	3.463	3.462	3.455	5.937	



and the consequential shortening of stocks at origin, particularly as some of the mines are reported as not being in operation. Current prices f. o. b. mines at Florida are: 68%, \$3.25 ton; 70%, \$3.65 ton; 72%, \$4.25; basis 75%, 74% minimum, \$5.00; Tennessee, 72% is offered at \$5.00 ton, f. o. b. mines.

### METALS

There has been comparatively no change in the antimony situation this past week, with dealers here quoting 21½¢@21¾¢ lb spot New York and 18¼¢ c. i. f. for February-March shipment from China. The market continues quiet but firm. Copper has eased off a bit and is offered at 14¼¢ f. o. b. eastern points, for both lake and electrolytic. Silver is also lower than last week, with quotations at 66¾¢ an oz. Tin is unchanged with quotations at 64½¢ per lb. Spot lead is reduced somewhat and quotations are heard at 9.10¢ lb East St. Louis quoted at 8.87½¢ lb. The zinc market sagged considerably the early part of last week, but rallied a bit and is now offered at 7.90¢ lb and 7.55¢ lb East St. Louis.

### NAVAL STORES

The local turpentine market shows a marked falling off in price since last week. Although the average demand was in evidence from domestic sources, the export consuming trade showed little interest. The demand as a whole has not shown any improvement and in view of this the price has declined. The New York market is quoted at 96½¢@\$.101 per gallon, a net loss of 4½¢ for the week.

Spot rosins are also easier. This is particularly so of the common and medium grades, as the high grades have shown no recession in price. The consumers have a tendency to confine their interest to inquiries, without buying, as a result the market continues easy. New York spot prices are: B \$13.40; D \$14.00; E \$14.00; F \$14.05; G \$14.15; H \$14.25; I \$14.50; K \$15.50; M \$15.60; N \$16.30; WG \$16.50 and WW \$16.70.

### (Special to DRUG & CHEMICAL MARKETS)

Savannah, Ga., Feb. 20—The Savannah turpentine market closed today at 90¢ per gallon, with no sales reported. The price has declined on Feb. 16 from 93¢ per gallon and all visible offerings were sold at the current figure of 90¢. There is some speculation as to whether the spot price on turpentine will decline during the coming week. From the apparent lack of interest it would appear as though buyers expect a further recession in price. In any event the receipts at Savannah and Jacksonville are small and the receipts between now and April will not be able to take care of the weekly demand. Receipts for the week were 284 bbls. Sales reported 559 bbls.; shipments 1,462 bbls. and Savannah stocks 8,969 bbls.

The rosin market closed firm for F and higher grades. It will be noted that the current market is on the decline for medium and common grades. The more active grades this past week have been M, K, I, H, G, F. The rosin shipments this week were over 11,000 bbls. and there are heavy exports expected this next ten days. The rosin stocks are being reduced in all quarters and it is expected that they will be comparatively low by April. Indications are that the new crop in April will be larger than this season's and it is reasonable to expect that the market on all grades will drop several dollars by May or June. Receipts this week were 20,028 bbls. Sales 870 bbls.; shipments 11,582 bbls. and stocks 50,455 bbls.

Rubber is likely to be incorporated in the filaments of artificial silk, according to "India Rubber Journal," due to the discovery of a new range of solvents for rubber. The advantage will be an increased resistance to water.

## Science and Sales

A new accelerator of vulcanization is made with betanaphthol reacting on paranitrosoalkyl-arylamine. (U. S. Pat. No. 1570752).

Adsorptive siliceous matter is prepared by the addition of iron, silver, platinum or other catalysts in colloidal form to colloidal silicic acid. British Patent No. 243,123.

A bath which is used for rustproofing iron consists of water, free phosphoric acid and sodium phosphate, the latter combining with the pickling and foreign acids and thus opposing formation of sludge. (U. S. Pat. No. 1,572,354).

Sulphur dioxide is used as a purifying agent in treating hydrocyanic acid in liquid state which contains sulfuretted hydrogen. The dioxide combines with the sulfide and sulfur is precipitated. U. S. Patent No. 1,571,982.

A lubricating composition which does not oxidize when used on bearings, pistons, valves and other machine parts is obtained (Ger. Pat. 414,749) by the use of dipotassium hydrogen phosphate solution in admixture with finely divided talc or graphite.

To counteract light destruction of silks, good results have been obtained by the use of thiourea, hydroquinone, tannin, catechu. The tests were made on raw and boiled off silk and the best results by far were obtained with tannin. (Der Textilchemiker und Colorist, Dec. 1925).

The presence of alkali in the process of making hydrocyanic acid by the reaction of ammonia with carbon monoxide increases the efficiency of the activated carbon catalyst, according to Brit. Pat. No. 242,685. Caustic soda may be used for the purpose.

The cold produced by the evaporation of the liquid product of the catalytic synthesis of ammonia will cool the gases withdrawn by the compressor used for producing the pressure necessary for the ammonia synthesis. Various other uses for the cold are described in Brit. Pat. No. 240,871.

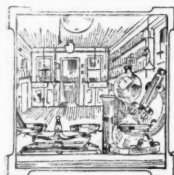
A use for the colloid mill (Brit. Pat. 240,852) is found in the manufacture of finely subdivided pigment dyes of organic or inorganic origin, consisting in forming an aqueous suspension of these materials, mixing with a resin or a solid fatty acid and then grinding the materials in the colloid mill.

Liquid hydrocarbons are refined by treatment with a solution of sodium hypochlorite which contains a slight excess of free alkali. Such a solution is made by treating the hypochlorite solution with carbon dioxide, iron sulphate or zinc sulphate to remove most of the free alkali. (Germ. Pat. No. 419,225).

Lubricating oils of high viscosity, which is essential for certain applications as in the lubrication of steam engine cylinders, are obtained from oils of low viscosity by the addition of partly oxidized fatty oils, such as rapeseed oil, cottonseed oil, etc. Fatty acids may also be used in the place of the oils. (British Patent No. 215,334).

Phenol and like substances are removed from liquids, such as waste waters, by rendering the latter slightly acid and then spraying the liquids down a tower in which they meet an ascending current of vapors of benzol, benzine, or trichlorethylene. The latter is the most suitable. The two liquids are separated at the bottom of the tower and the trichlorethylene containing phenol is sent to the still. (Brit. Pat. No. 241,682).





# Drug & Fine Chemical

## SECTION



## Notes on the New Pharmacopoeia

### *Short Paragraphs on Various Pharmacopoeial Preparations Which Present Points of Special Interest in Revision*

Under the general caption, "Notes on the New Pharmacopoeia," sent out by the U. S. P. Revision Committee, we select the following paragraphs which call attention to specific pharmacopoeial titles which present points of special interest:

**Compound Solution of Cresol**—Deknormal solutions of potassium hydroxide and sodium hydroxide are offered in this formula, in soft soap, and elsewhere to replace stick potash or soda, although the use of the latter is permitted as an alternative method. These dekanormal solutions are claimed to be quite stable, much more so than the weak solutions, and it is supposed they will be available commercially. Exact amounts of alkali can thus be procured more easily than when the hygroscopic, caustic alkali is used. An assay has been added to this solution which insures the presence of official cresol. This seems to be necessary because of the introduction of higher boiling point cresols which are claimed to have a higher phenol coefficient. The introduction of such a cresol would have led to a lack of dependability since there would be a variability in the phenol coefficient claims for different official solutions. There was also some doubt of the reliability of these phenol coefficient factors since they failed to indicate greater germicidal value when tested with other organisms than that specified in the test.

**Dakin's Solution**—Where the facilities are available for making solution from chlorine gas, no doubt that process will be much more largely employed, but for the retail pharmacist or for many hospitals the official method should be satisfactory.

**Chalk Mixture**—A formula without acacia or sugar has been made official, physicians having objected to the presence of these readily fermentable ingredients. Compound chalk powder has been retained, as this is sometimes prescribed with other powders.

**Chaulmoogra Oil and Ethyl Chaulmoograte**—Many may wonder why these products were introduced. They are used in the treatment of leprosy and our Pharmacopoeia is the official standard for the Philippines and Hawaiian Islands. The product in the form of esters is now only available in this country under the trademarked name "Chaulmestrol."

**Oil of Turpentine**—The official oil of turpentine is not intended to recognize the oil distilled directly from pine wood although that product is now being marketed with practically the physical constants of the U. S. P. products.

**Codliver Oil**—The Vitamin A assay is only optional but it was introduced with the hope that it might concentrate the attention of investigators upon one method and also establish a common standard for expressing activity. A codliver oil stated to be assayed by the U.

S. P. method must contain at least 50 units per gram and must be labeled to clearly indicate that the assay is not a measure of the antirachitic activity of the oil. Practically any normal oil will meet this standard, although reworked oils would fail to do so. Carefully selected and prepared codliver oils may run as high as 1,000 units, so that the physician can select the oil of greater activity and give it in a smaller dose, where there is a special antipathy to its administration.

**Soft Soap**—The Pharmacopoeia has returned to linseed oil for the making of soft soap. A striking innovation is the introduction of a large percentage of sodium hydroxide. At one time it was believed that soft soap could not be made except through the exclusive use of potassium hydroxide as the alkali. The World War and the subsequent shortage in potash necessitated experiments which have shown that sodium hydroxide may be used in the proportion of 49 gm. of 90 per cent NaOH and 19 per cent KOH, in the preparation of 1,000 gm. of soap, the product closely approximating that made with potassium hydroxide alone.

**Tincture of Digitalis**—A stronger tincture of digitalis has recently been placed upon the market. This tendency is to be greatly regretted as the only object seems to be the claim that it is stronger than the U. S. P. The entire object of pharmacopoeial standards is to secure uniformity in preparations so there will be no danger from over-dosage when the product is prescribed in any part of the country. A purely commercial reason for changing official strengths should not receive the approval of the medical or of the pharmaceutical professions.

**Ointment of Rose Water**—The formula which has been official for many revisions has been retained. The requirement has been introduced, however, that it should be prescribed in pure tin collapsible tubes. The official ointment of rose water, so preserved, has remained without apparent deterioration for several years. Thus the chief argument against it has been met. This requirement should not be difficult to meet, as such tubes are readily available and easily filled with the ointment. On the commercial scale, the tubes carrying as much as one pound of material are commonly used for other products, and there is every advantage in their employment for this ointment.

**Emulsion of Oil of Turpentine**—After a series of experiments, it was shown that the old "Forbes Method" of preparation in a dry bottle produced a superior emulsion in comparison with the U. S. P. IX formula, and that it could be made much more quickly and easily.

Abbott Laboratories, North Chicago, have opened a Chicago branch office at 700 Cass st., in charge of J. W. Ransom, to better take care of the city sales and deliveries.

# The Fine Chemical Market

Current Spot Quotations for Fine Chemicals, see Chemical pages 566-584

## EMETINE HYDROCHLORIDE ADVANCED \$8

Advance Based on Scarcity of Ipecac—Quicksilver Also Higher—Alcohol Continues Weak and Lower—Codliver Oil Easier on Spot—Glycerin and Menthol Weaker—Market Generally Quiet—Trading Normal

### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

**Advanced**  
Emetine Hydrochloride, \$8.00 oz. Bismuth Subnitrate, sec. hds. 10c lb.  
Mercury, 50c flask

**Declined**  
Alcohol, Den., No. 5 1c gal. Glycerin, dyn., 1/2c lb.  
Caramel, 3c lb. Crude, 3/4c lb.  
Codliver Oil, \$1.00 bbl. Iodine Tincture, sec. hds., 10c lb.  
Menthol, 15c lb. Furfural, 2 1/2c lb.

### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetanilid .....	\$35	\$35	\$35	\$35	\$2.00	\$20
Acid Citric Import ....	.44 1/2	.44 1/2	.45	.46	1.25	.45
Caffeine, Alkaloid .....	3.75	3.75	3.75	3.75	13.00	3.65
Calomel, American .....	1.45	1.45	1.45	1.37	3.43	.90
Camphor, Jap ref .....	.73	.73	.73	.66	3.55	.41
Iodine, Resublimed .....	4.65	4.65	4.65	4.65	5.00	3.75
Menthol .....	5.75	5.90	6.25	12.00	13.50	3.00
Potassium Bromide, Cryst. ....	.48	.48	.48	.48	4.30	.80
Quinine Sulfate Imp .....	.50	.50	.50	.50	.90	.25
Sodium Salicylate .....	.40	.40	.40	.40	4.25	.27
Strychnine Sulfate .....	.42	.42	.42	.40 1/2	1.05	.50
Average .....	1.718	1.733	1.761	2.27	5.92	1.56

Trading in the fine chemical market has been mainly along routine lines with little of spectacular interest in the way of large orders, or unusual inquiries. Some of the price changes are taken as indicative of real changes in the market and should have a definite bearing on the future developments of the market. The prolonged and apparently lasting scarcity of ipecac root has caused makers to advance the price of emetine hydrochloride rather sharply. Factors in the quicksilver market profess to see an improvement in trading in that field and are advancing their prices in keeping with shipment positions as their older, lower priced material is being removed from the market. There is quite an evident desire on the part of sellers of codliver oil to clean out their stocks before the new catch begins to affect the market, although reports of this catch are very meager as yet. The spot price has declined another dollar, in spite of an increasing consumer demand. Menthol seems unable to maintain any price level, and has again declined, and buying is not very active.

**Acetanilid**—Steady market at unchanged prices.

**Acetphenetidin**—Normal demand continues at recent decline.

**Acid, Acetylsalicylic**—Resellers continue to underquote manufacturers' schedule with demand routine.

**Acid, Benzoic**—Active demand continues with prices firm and competition keen.

**Acid, Carbolic**—Demand reported very light with prices well maintained.

**Acid, Citric**—Imported goods in light supply with prices held down in order to compete with domestic goods. Replacements reported higher than spot prices.

**Acid, Diethylbarbituric**—Market quiet at unchanged prices.

**Acid, Salicylic**—Demand good, competition keen, prices steady.

**Acid, Tartaric**—Prices are firm with domestic producers in control. Demand is very good at 28c@28 1/2c lb for imported and 29c lb for domestic goods.

**Adeps Lanae**—Good demand reported with prices firm and unchanged.

**Alcohol**—Some improvement is noted in buying, although there has been no strengthening of prices. Molasses market is now steady and alcohol is believed to be at bottom. It is intimated that 30c might be done for tank cars of No. 5 but market generally is quiet at 33c@35c gal. for this formula.

**Alkaloids**—General market for alkaloids is routine with prices for most of them unchanged. Emetine hydrochloride has been advanced to \$25.00@25.50 oz. on account of the limited supplies of ipecac.

**Amidopyrine**—Steady market exists at unchanged prices.

**Antipyrine**—Manufacturers' prices firm and unchanged with good demand reported. Resellers still willing to sell at \$1.70@1.75 lb.

**Bismuth Preparations**—Metal very firm and unchanged. Salts in fair demand at steady prices. Resellers of subnitrates are firmer and only one lot is reported available in outside hands at the advanced price of \$3.10@3.25 lb.

**Bromides**—Market remains very firm with prices for soda, potash, and ammonia steady at recently announced figures.

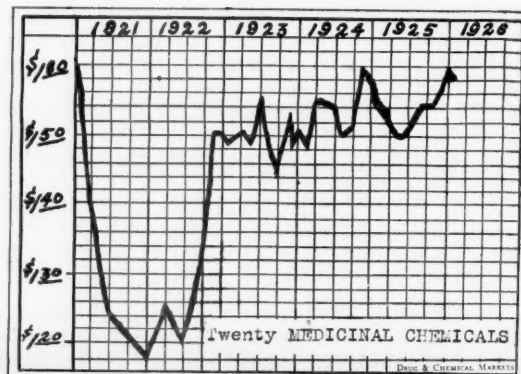
**Camphor**—Steady demand reported with prices well maintained by a combination of exchange conditions and strong holdings.

**Caramel**—Reported lower at 67c@70c lb.

**Chloroform**—Increased firmness noted with prices unchanged.

**Codliver Oil**—Demand has picked up but holders are weakening with the appearance of the new catch. Spot prices are lower at \$34.00@36.00. Present reports of the new catch are meager, but doubt is expressed as to whether it will depress the market much further.

**Cream of Tartar**—Very good demand reported at un-





**Formaldehyde**—Demand is reported on the increase and makers are busy. Price is unchanged at 9c@9½c lb as to quantity.

**Fusel Oil**—Unsteady at former prices.

**Furfural**—Makers have reduced the price to 17½c in carlots and 20c@23c lb in 500 lb drums.

**Glycerin**—Sellers are exhibiting more interest than buyers, and prices are somewhat weaker. C. P. is still held in most hands at 25c lb although it is intimated that a trifle better can be done. Dynamite has been recently sold at 22c, with soap lye easier at 14c@14½c and saponification at 16c@17c lb.

**Guaicol**—Unchanged in price and position for crystals, liquid and carbonate.

**Haarlem Oil**—Firm and steady at recent advance to \$3.20 for domestic with imported unchanged.

**Hexamethylenetetramine**—Demand active, with prices firm and unchanged.

**Iodine**—Trading is routine with resellers offering tincture at the reduced price of \$4.60@\$4.65 lb. Crystals and iodides are all unchanged.

**Iron Salts**—Routine business noted with prices unchanged.

**Menthol**—Some factors report buying as active with others finding interest dull. Price has further declined to \$5.75@\$6.00 lb as to quantity. Speculation is still seen in this market and some lots have been sold for January-March 1927 delivery at \$4.00 lb.

**Mercury**—Holders report increased activity, with an advance in price to \$84.50@\$89.00 bottle. Replacements are still held at over \$90.00 bottle.

**Mercurials**—Steady market reported with prices firm and unchanged.

**Papain**—Remains scarce with holders generally naming their own prices.

**Podophyllin**—Market is steady at unchanged prices.

**Potassium Permanganate**—No change in this situation, with price ranging 14½c@15c lb.

**Quinine**—Diversity of opinion expressed as to price. Most holders quote 50c for sulfate and 45c for bisulfate, but prices are widely shaded.

**Saccharin**—In fair demand at unchanged prices.

**Santonin**—Good steady demand reported with prices firm.

**Thymol**—Easy at unchanged prices.

Bayer Co. announces that the U. S. Dept. of Agriculture, through the Pennsylvania Bureau of Plant Industry at Harrisburg, has endorsed the treatment of corn seeds with organic mercury compounds for the prevention of disease. It is believed that this official recognition of the advantages of seed treatment will arouse considerable favorable interest in agricultural communities. Statistics show that the corn crop is damaged annually to the extent of 5% to 10% in most sections of the country and in a few areas the damage runs as high as 40%. It is proposed to eliminate to a great extent these diseases by the organic mercury treatments.

U. S. imports of medicinal and pharmaceutical preparations valued at \$5,832,400, 1925, were 22 per cent above those of 1924. The leading import commodity of the group was menthol, total for 1925 being 293,800 pounds, \$2,598,600.

Mathieson Alkali Works, Inc., has announced the addition of vanillin to the line manufactured by their Commonwealth Chemical Division.

## BERGAMOT OIL HIGHER IN LONDON

**Firmer Tone Reported in Japanese Camphor**—Prices Easier for Cloves, Soya Bean Oil, Oil Cassia and Cottonseed Oil—Quotations Lower on Sugar of Milk, American Peppermint Oil, Castor Oil and Codliver Oil

(Special Radiogram to DRUG & CHEMICAL MARKETS)

London, Feb. 25—Bergamot oil, hydrastis and oil almond are higher. Japanese camphor is firmer. Cloves, soya bean oil, oil cassia and cottonseed oil are easier.

Quotations are lower on sugar of milk, American peppermint oil, phenazone, castor oil, agar agar, shellac and codliver oil.

London, Feb. 13 (By Mail)—Business continues quiet and inactive, especially as regards crude drugs. Codliver oil—The Lofoden fishing is progressing favorably and although there are reports of livers being lean, the total yield to date of some 2,000 hectoliters against nil last year is considered satisfactory, and the price has given way to 133s per bbl. f. o. b. Bergen, with downward tendency.

Agar agar is cabled lower from Japan, No. 1 Kobe at 3s 8½d per lb c. i. f.

Lemon oil is still attracting attention and has further risen to 9s 6d to 10s 6d per lb c. i. f., while spot is firm at 9s to 9s 6d per lb.

Carbolic acid crystals continue active at 5¼d f. o. b. in drums.

Valerian root, Belgian—The primary market is reported cleared of stocks and as much as 215s per cwt. c. i. f. is quoted from Hamburg.

Balsam, Canada, is in short supply and dearer at 5s per lb.

Ergot, Spanish, of sound quality, is very firmly held at 2s 9d per lb on spot.

American peppermint oil in tins is easier on spot at 105s to 110s per lb without much business passing.

Japan mint oil continues an unsatisfactory market owing to "bear" differences overshadowing near arrivals. Jan.-March shipment is called 11s to 11s 3d per lb c. i. f. and spot 13s per lb, sellers only.

Orange oil, Sicilian, is firmly held at 11s per lb. West Indian 8s 9d per lb.

Borax has been reduced by £2 per ton by British manufacturers. Commercial £22 10s; crystals £23; powder £24 per ton; all for home consumption.

Lavender oil, French, has declined to 20s per lb for 38-40 quality. Camphor oil, Japanese white, is dearer on spot at 52s 6d to 53s 6d per cwt.

The consumption of prepared medicines in France has increased enormously in the last few years, from approximately 291 million francs in 1921 to 677 million francs in 1923, according to a report to the Department of Commerce from Assistant Trade Commissioner David S. Green at Paris. This increase in consumption is due largely to the fact that salaries and other incomes have not increased at a rate as great as have the living costs.

Drug concerns organized in the United States and incorporated under the laws of various states during January had a total capital of \$14,575,000, distributed among eighteen companies, as compared with ten companies capitalized at \$2,329,000 in January, 1925, according to the "Journal of Commerce."

Digestive Ferments Co., Detroit, elected the following officers at the annual directors meeting held Thursday, Feb. 11: A. Burnett, president; H. T. Graber and C. G. Pedmore, vice-presidents; D. A. McCall, Treasurer and H. G. Dunham, secretary.

# The Crude Drug Market

Current Spot Quotations for Crude Drugs, pages 585-590

## ERGOT ADVANCES SHARPLY ON SPOT

Price Falls in Line With Shipment Quotations—Henna Also Firmer—Goldenseal Continues to Advance—Damiana on Way to This Market—Poppy Seed, Saw Palmetto Berries, Arnica Flowers Show Additional Firmness—Buchu in Exceedingly Low Position—Market Fairly Quiet

### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Benzoin Gum, 2c D.  
Ergot, 11c D.  
Goldenseal Root, 25c D.

#### Advanced

Henna Leaves, 1c D.  
Poppy Seed, Du., 1c D.  
Saw Palmetto Berries, 4c D.  
Stillingia, 1c D.

#### Declined

Balsam Tolu, 5c D.  
Cardamoms, green, 5c D.  
Cloves, Zanz., 1/2c D.  
Dammar Gum, 3c D.  
Elemi Gum, 5c D.  
Mastic Gum, 2c D.

Montan Wax, 3/4c D.  
Peppers, 1/2c D.  
Sabadilla Seed, powd., 2c D.  
Saffron, Spot  
Turpentine, Venice, 2c D.  
Valerian Root, Belg. 3c D.

### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aconite Root, USP ....	\$.24	\$.24	\$.26	\$.33	\$4.00	\$.42
Buchu Leaves, Short ..	.51	.51	.57	.80	4.00	.85
Cantharides Russian ..	.60	.60	.60	.85	9.00	2.10
Cocculus Indicus .....	.06	.06	.06	.10	.85	.03
Ergot, Spanish .....	.85	.74	.74	.53	4.50	.54
Insect Powder, pure ..	.29	.29	.29	.38	1.00	.28
Ipecac, Cartagena, powd.	3.65	3.65	3.65	2.50	4.50	1.35
Nux Vomica .....	.05	.05	.05	.05	14 1/2	.07
Opium gum .....	12.00	12.00	12.00	12.00	30.00	5.00
Rhubarb Root, H D ....	.35	.35	.35	.33	1.75	.15
Tragacanth, No 1 ribbon	1.65	1.65	1.65	1.15	6.00	1.50
Wild Cherry Bk.Thin nat	.07 1/2	.07 1/2	.07 1/2	.09	.21	.07
Average .....	1.702	1.692	1.701	1.58	5.28	1.60

Crude drug buying has not been up to recent levels during the past week or two, but jobbing demand is reported to be of fair proportions and steady. Prices show comparatively few changes of major importance, but those that are important loom large in the general field. Ergot, which has been scraping the bottom of the market for several months, has suddenly recovered strength and has advanced on spot to prices more nearly in keeping with shipment positions. Goldenseal is increasingly scarce and steadily advancing. Henna is fairly easy on spot but has advanced somewhat, following announcement of low supplies abroad. Damiana is nearing something like a normal market, although spot stocks are as yet extremely limited. Goods are now on the way, which will materially ease the spot situation, however. Poppy seed, saw palmetto berries and arnica show firmer tendencies. Cardamoms show a downward tendency with Spanish saffron and Venice turpentine lower. The situation in sarsaparilla, ipecac, buchu, and valerian root shows little change.

### Botanical Drugs

**Aconite**—Market continues routine with prices unchanged at recently announced figures.

**Anise**—Stronger tendency still noticeable in star with other varieties unchanged.

**Althea**—Prices steady with demand normal.

**Arnica Flowers**—A firmer tone is noted in this market, with prices steady at 13c@15c lb.

**Belladonna**—Leaves are reported firmer at 20c@21c lb with root unchanged at former figures.

DRUG AND FINE CHEMICAL SECTION

**Balsams**—Tolu is lower at \$1.20@\$1.25 lb, with Peru, firs, and copaiba unchanged.

**Buchu**—Sales have been made recently as low as 43c @44c lb, and although some are of the belief that this is old crop material that has been on the market for a couple of years, others state that it is new material. At this price there can be nothing in buchu for handling, as import prices equal that figure. Most holders are quoting 51c@56c lb which is more nearly in keeping with actual values.

**Calamus**—Continues firm at unchanged prices.

**Cardamoms**—Green seeds are named at \$1.30@\$1.35 with other grades unchanged. Bleached are still scarce and some are asking as high as \$2.85 for them.

**Cascara Sagrada**—Prices firm and steady with only a routine demand.

**Cantharides**—Reported firmer from abroad, but spot shows no change.

**Chamomiles**—Firmer on spot but unchanged in price.

**Colchicum Seed**—Some holders have advanced their price to 20c lb with others unchanged at 17c@18c lb.

**Damiana**—This situation bids fair to become easier as goods are reported now on the way to this market which are offered at 65c lb. Limited stocks are now available on spot at \$1.00.

**Dandelion**—Trading is routine with prices unchanged.

**Digitalis**—Firm and unchanged at 25c@30c lb as to holder.

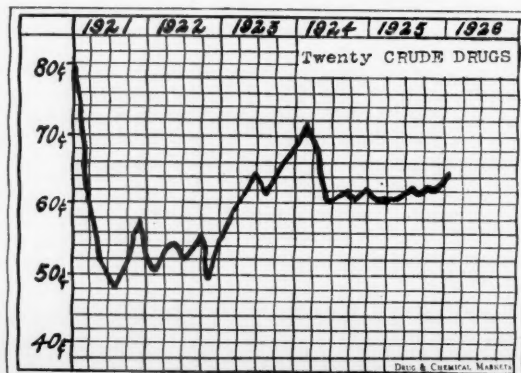
**Ergot**—Spot stocks have become scarce and the recent period of dullness has left this market. Prices have advanced sharply to 85c@88c lb with shipment positions firm as they have been for some time.

**Goldenseal Root**—Price continues to advance and goods are now held at \$5.25@\$5.75 for whole root and \$5.50@\$6.00 for powdered.

**Henna**—Supplies in Egypt are reported scarce and shipment prices are advancing. Spot prices are more or less in keeping and whole leaves are now up to 9c@9 1/2c lb with powdered steady at 12c@13c lb.

**Ipecac**—Goods continue scarce with prices more or less nominal and quoted variously as to holders.

**Insect Powder**—Buying is desultory and much price shading is in evidence. Position in general shows no change.



**Juniper Berries**—Continues firm with price unchanged.  
**Manna**—Prices are firm with a stronger tendency noted.

**Pink Root**—Some holders evince a higher tendency but prices are steady at 60c@75c lb as to holder.

**Poke Berries**—Continues firm at unchanged prices.

**Poppy Seed**—Dutch seed is higher and advancing. Prices are now quoted at 16c@17½c lb with other varieties unchanged. Shipment positions are also firmer.

**Rhubarb**—Routine buying only in evidence with prices varying as to holder.

**Sabadilla**—Powdered seed is again easier at 26c@28c lb.

**Saffron**—Spanish is lower at \$25.00@27.00 with even better done in some instances.

**Sarsaparilla**—No relief is seen in this item with Mexican barred, and Honduras in poor demand.

**Saw Palmetto Berries**—Price has advanced on recent strength and is now held at 29c@42c lb.

**Senna**—Prices unchanged on steady market.

**Stillingia Root**—Firmer tendency noted with price up to 12c@13c lb.

**Turpentine, Venice**—True at 28c@32c lb as to holder, artificial at 19c@20c lb.

**Valerian Root**—Belgian has broken a trifle and is now procurable at 42c@50c lb as to holder.

#### Gums and Waxes

**Arabic Gum**—Easier tone noted, with prices unchanged.

**Asafetida Gum**—Market steady at recent declines.

**Beeswax**—Firm at unchanged prices.

**Benzoïn Gum**—Advanced further to 30c@32c lb for Sumatra. Siam unchanged.

**Carnauba Wax**—Continues firm at unchanged prices.

**Damar Gum**—Batavia lower at 25c@28c lb.

**Elemi Gum**—Arrivals have eased this situation and price is now lower at 20c@21c lb.

**Mastic Gum**—Price has declined to 48c@50c lb.

**Montan Wax**—Lower at 6½c@7c lb.

**Shellac**—Continued weakness noted with prices gradually declining.

#### Spices

**Cloves**—Easier at 25¼c@26¼c lb.

**Ginger**—Reported easier with trading nominal.

**Mustard**—Routine trading with prices generally a trifle weaker.

**Peppers**—All grades easier with black at 29c@33c lb as to variety and white at 35c@36c lb.

At the weekly meeting of the Wholesale Drug Trade Bowling League, on Monday, Feb. 15th, the following scores were rolled: Lanman & Kemp (13) 1023 vs. E. R. Squibb No. 1 834; E. R. Squibb No. 1 814 vs. Juniors (42) 802; Lanman & Kemp 829 vs. Juniors (29) 795; Lanman & Kemp 854 vs. Grasselli Chem. Co. (75) 780; E. R. Squibb No. 1 722 vs. Grasselli Chem. Co. (75) 656; Grasselli Chem. Co. 783 vs. Juniors 740. Lanman & Kemp, winners of all three games in which they participated, rolled the exceptional score of 1023 against E. R. Squibb No. 1. Fitzgerald, Lanman & Kemp, was high scorer for the evening with 225. Other 200 scores were: Gennill, Lanman & Kemp, 215; Hamnist, E. R. Squibb No. 211; Grogan, Lanman & Kemp 203 and Connelly, Lanman & Kemp 201.

## Price List Revisions on Proprietary and Toilet Preparations

Name of item	Unit	Now	Was
American Chemical Co., Fond Du Lac, Wis.			
Celre-Fo-Mo, 2½ oz., retails 30c	doz.	2.40	
Celre-Fo-Mo, 6 oz., retails 60c	doz.	4.80	
Celre-Fo-Mo, 12½ oz., retails \$1.20	doz.	9.60	
Bicargum Co., New York			
D-Bi-car-gum	doz.	.60	.80
BeJem Corporation, New York			
BeJem Malt	doz.	18.00	
The Dunlop Pyorrhea Machine Mfg. Co., Bloomfield, N. J.			
Dunlop's Pyorrhea Paste, retails 60c	doz.	4.80	
Dunlop's Ethyl Borate, retails \$1.00	doz.	8.00	
First National Labys., Lehigh, Pa.			
A-Royal Purple Pills, retails \$2.50	doz.	12.00	10.00
A-Royal Purple Capsules, retails \$5.00	doz.	18.00	15.00
N-Dr. Whites Tasteless Epsom Salt Tablets, retails 25c	doz.	2.00	
N-First National Disinfectant and Antiseptic, retails 25c	doz.	2.00	
N-First National Furniture Polish, retails 25c	doz.	2.00	
C-Whites Lung Healer, retails 75c	doz.	6.00	
C-Whites Toothache Drops, retails 25c	doz.	2.00	
Fruit Bran Co., New York			
N-Fruit Bran	doz.	2.40	
S. Grover Graham, Newburgh, N. Y.			
D-Grover Graham's Dyspepsia Remedy	doz.	8.00	9.00
Hostetter Company, Pittsburh, Pa.			
A-Hostetter's Bitters	doz.	12.00	10.00
Dr. Kade, New York			
N-Angiolympe Ampoules	Prices Not Yet Determined		
N-Asthymolysin Ampoules, 1 cc., 6's, retails \$3.00	doz.	24.00	
N-Posterisan Hemorrhoidal Ointment, retails \$1.00	doz.	7.80	
N-Posterisan Hemorrhoidal Suppositories, retails \$1.50	doz.	12.00	
Nestle's Food Company, New York			
Malted Milk, 5 pounds	per lb.	.29	
Malted Milk, 10 pounds	per lb.	.29	
Malted Milk, 25 pounds	per lb.	.28	
Malted Milk, 100 pounds	per lb.	.27	
Nu-Lax Products Co., Inc., Scranton, Pa.			
N-Nu-Lax Chewing Gum Laxative, 8's, retails 15c	doz.	1.20	
N-Nu-Lax Chewing Gum Laxative, 16's, retails 25c	doz.	2.00	
N-Nu-Lax Chewing Gum Laxative, 40's retails 50c	doz.	4.00	
Dr. L. Oestreicher's Chemical Works, New York			
N-Terpichin Ampoules, 1.1 cc., 10's, retails \$3.00	doz.	24.00	
Petropalm Co., New York			
N-Petropalm	doz.	3.00	
Stern & Co., Brooklyn, N. Y.			
N-Duocal	doz.	4.80	
N-Solferro	doz.	9.00	
Dr. S. Lewis Summers			
C-Befsal Tablets, 5 gr., 100's	doz.	18.00	

Insecticide and disinfectant manufacturers are interested in a bill in the U. S. Senate introduced by Mr. Frazier which amends the statutes forbidding the mailing of poisons, by inserting the words "Provided further that poisons prepared for use as Disinfectants, Fungicides, Germicides or Insecticides when packed in containers according to specifications of the Postmaster General, shall be accepted for mailing."

Kauri gum imports to the United States during December, 1925, amounted to 270 tons valued at £24,927, according to George H. Lincks, gum importer. The total exports from the primary markets during December totaled 522 tons, valued at £39,909. The production of 410 tons during December brought the 1925 total up to 5,069 tons as compared with 5,434 tons over 1924.

Shipments of Brazilian beeswax from Rio de Janeiro to the United States amounted in 1925 to 405,575 pounds, valued at \$169,851, compared with 137,580 pounds, valued at \$36,930, in 1924. The exportation of carnauba wax from Rio de Janeiro amounted to 139,318 pounds, valued at \$39,965, as compared with 117,690 pounds, valued at \$31,345 in 1924.

Mentholatum Co., Buffalo, N. Y., has appointed Barter, Durstine & Osborn, a New York advertising agency, to handle its advertising.

# The Essential Oil Market

Current Spot Quotations for Essential Oils, pages 590-592, Aromatic Chemicals, 593

## OILS PEPPERMINT, CEDAR WOOD LOWER

Sharp Breaks in Price for Both—Peppermint Break Laid to Lack of Buying and Regarded as Not Lasting—Cedar Wood Break the Result of Competition—Oils Limes, Pimento Higher—Oils Cardamoms, Geranium, Italian Lemon, Spearmint Lower

### PRICE CHANGES IN NEW YORK

(Stocks in First Hands)

#### Advanced

Oil Apricot Kernel, 2½c D. Oil Pimento, 50c D.  
Oil Limes, Dist., 50c D. Anethol, 15c D.

#### Declined

Oil Cardamom, \$2.00 D. Oil Lemon, Ital., 10c D.  
Oil Cedar Wood, 22c D. Oil Peppermint, \$2.50 D.  
Oil Geranium, 10c D. Oil Spearmint, 50c D.  
Menthol 15c D.

### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Oil Bergamot .....	5.90	5.90	5.40	3.65	7.00	5.00
Oil Citronella Ceylon ..	.48	.48	.50	.73	1.02	.60
Oil Cloves .....	1.85	1.85	1.90	1.85	3.70	1.40
Oil Lemon, Italian ..	3.15	3.25	2.50	.98	1.70	2.00
Oil Peppermint Nat ..	17.50	22.50	26.00	15.00	9.00	2.24
Oil Santalwood E I ..	7.10	7.10	7.10	7.25	14.00	5.25
Oil Sassafras, Artif ..	.27	.27	.27	.35	1.00	.26
Coumarin .....	3.10	3.10	3.10	3.25	31.00	3.10
Benzaldehyde, U. S. P.	1.15	1.15	1.15	1.50	5.15	1.50
Methyl Salicylate Cans	.43	.43	.43	.47	1.00	.85
Vanillin .....	.49	.49	.49	.49½	.95	.20
Average .....	3.738	4.230	4.572	3.10	6.83	2.05

The chief interest in the essential oil market this week centered around oil of cedar wood which showed some radical reductions in price. Factors showed some disagreement as to what lay behind the changes, but the consensus of opinion attributes it to attempts to gain control of the market. Others lay the declines to the fact that holders in the South have been holding back their stocks and are now weakening. Other features are the continued break in peppermint, an apparent stabilizing tendency in the Messina essence market, continued scarcity of oil of limes, weakness in geranium and strength in pimento. Trading has been rather quiet with a fair jobbing demand in evidence and routine buying coming in steadily. Buyers are exhibiting little interest outside routine necessary demands, and sellers are generally not so hard pressed that they are exerting any selling pressure on the market.

### Essential Oils

**Oil Almond**—Market is reported very firm with sweet oil scarce. Prices are unchanged.

**Oil Anise**—Market is generally quiet with prices well maintained and steady. There has been no change in this oil for some time.

**Oil Apricot Kernel**—This oil is reported by most factors to be very scarce and an advancing tendency is noted. Some inquiry was in the market last week, that was reported unsatisfied. One holder is still willing to sell at 65c lb, however.

**Oil Bergamot**—Buying in this item is very quiet and no change has taken place since recent advance. Price is firmly held at the new level, however, and there seems

little likelihood of an immediate return to recent lower prices.

**Oil Cananga**—Market is very firm and price shows a tendency to advance. Goods are now generally held at \$3.10@3.25 for native and \$3.25@3.40 for rectified.

**Oil Cardamom**—The price of this oil has again declined for the third consecutive week, and is now held at \$30.00 @ \$35.00 lb in 1 lb bottles.

**Oil Cassia**—Market quiet with prices steady and unchanged.

**Oil Cedar Wood**—The price has taken a decided slump during the week and sales have been made as low as 30c lb in drums. Some factors lay this to weakening on the part of distillers in the South who have been withholding stocks while others feel that the price has been ruthlessly and arbitrarily cut in an attempt to take the market away from certain sellers who have been handling a large share of what has passed in the last few months.

**Oil Citronella**—This item continues to move in a routine way, with prices steady and no new developments in its position.

**Oil Cloves**—Prices unchanged with trading routine.

**Oil Copaiba**—Market is reported easier for this oil with some of the factors who were quoting higher prices, now down to the level of 40c@45c lb with others.

**Oil Eucalyptus**—Firmness continues in the market with prices unchanged.

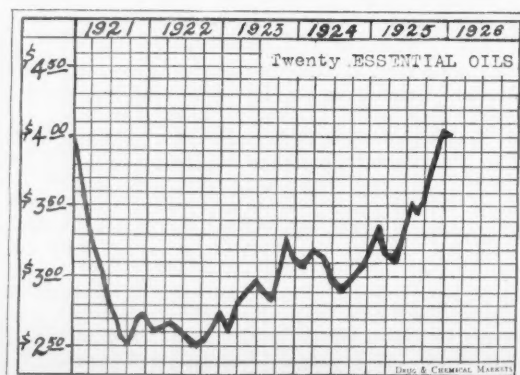
**Oil Geranium**—Weakness recently noted in this market has continued and the price of Bourbon has again declined to \$3.25@3.35 lb. African is unsteady at \$3.35 @ \$3.50 lb with Turkish unchanged at \$3.25@3.50.

**Oil Lemon**—Price of Italian oil has again shaded off to \$3.15@3.25 lb with probability that better could be done on a firm bid. Recent declines are considered a break from an over-rapid advance and few factors take it as any indication of real weakness.

**Oil Lemongrass**—Market is steady and quiet at unchanged prices of \$1.10@1.20 lb.

**Oil Limes**—Holders can practically obtain any price they care to name for this oil which is very scarce. Nominal quotations are held at \$7.00@8.00 lb for the expressed and \$3.25@3.75 for the distilled.

**Oil Orange**—Prices remain firm at recently established





figures and there seems less tendency to change than in lemon.

**Oil Patchouli**—Some divergence of opinion is expressed as to this market and prices range \$6.25@ \$7.50 as to holder.

**Oil Peppermint**—Recent declines in price have continued and quotations are now made at anywhere from \$17.50 up to \$21.50 for the natural with redistilled at \$20.00@ \$22.50 as to holder. Factors still insist that present weakness is not due to any oversupply but to lack of demand and feel that if any sizeable order should appear the price would again advance to recent levels.

**Oil Pimento**—Following the spice, this oil has advanced and is now held at \$5.75@ \$6.00 lb.

**Oil Spearmint**—This oil has also declined, due to almost a complete absence of demand and the principal factors are now quoting \$10.50@ \$11.00 lb, although better prices can be obtained by shopping.

**Oil Wormseed**—Continues very firm at unchanged prices.

#### Aromatic Chemicals

**Anethol**—Market is firmer and the price has advanced to \$1.40@ \$1.75 lb as to holder.

**Benzaldehyde**—Routine trading is reported with prices unchanged.

**Coumarin**—Prices are firm and steady at former figures with no change seen in demand or production.

**Diethyl Phthalate**—Demand continues along normal lines with prices steady and unchanged at recently reduced levels.

**Eucalyptol**—There has been no further change in this market, which is steady at recent figures.

**Terpineol**—Market unchanged at steady prices.

**Vanillin**—There has been no change in this market aside from the recent announcement of entry of another factor into the field.

#### Vanilla Beans

Prices for all varieties are quiet and unchanged. Demand is of routine nature only, and shipments are prompt.

### DEMAND FOR LEMON JUICE IS STRONG

(Special to DRUG & CHEMICAL MARKETS)

Milan, Italy, Feb. 13—The demand for lemon juice is quite strong, and its price is rising from hour to hour, as a consequence of the difficulty of obtaining lots of importance at the centres of production. Merchants who contracted for deliveries of lemon juice of the new harvest are making large profits. Most contracts provide for immediate delivery.

For deliveries in a few weeks higher prices are asked. A slight increase is noted in the demand for sweet orange oil, and prices have increased. In bitter orange oil lower prices are possible, quickening the decision of some buyers. For mandarin juice there is quite a brisk demand, despite the higher quotations asked. Some buyers are purchasing in the centres of production at lower prices. Business appears to be scarce there. For bergamot oil, orders of some importance have been booked by the sellers who have not advanced prices.

Boncilla Laboratories, Indianapolis, have appointed J. Frank Keeley, of the Chicago "Herald and Examiner," director of research in toilet preparations.

Northam Warren Corp., New York, which controls Creme Elcaya, has selected Lord & Thomas to direct the advertising of the toilet preparations.

### WHY ESSENTIAL OILS ADVANCED

(Special to DRUG & CHEMICAL MARKETS)

Milan, Italy, Feb. 13—During January prices of essential oils, other than lemon juice, orange juice, mandarin juice and bergamot oil, rose owing to a better demand. The price of essential oil from the musk pear has risen as high as 14,000 lire per kilo. Cajuput maintains its price around 50 lire, and so does Java cananga that is quoted around 200 lire.

Political troubles in China allowed only small quantities of Chinese cinnamon to reach the Italian market, where 190 lire is demanded. For this reason, Indian cinnamon benefits by a high price ranging between 380 and 400 lire. Through the raw material of Ceylon cardamom having suffered a sharp advance in price, the cost of the essential oil is also high, ranging around 2,400 lire. The essential oil of cedar wood is obtainable in larger quantities, at 60 lire; while the price of eucalyptus is sustained around 40 lire. Superior grades of oil of cloves always command a good price. They are quoted around 145 lire.

A slight awakening is noted in the request for Ceylon citronella, and orders are booked at 55 lire. A quiet demand is noted for African and Bourbon geranium oils, the first being quoted at 350 lire and the second at 250 lire. Spanish geranium oil is offered as high as 600 lire.

As the harvest of lavender was not abundant, prices remain around 360 lire. Lemongrass is quoted at 75 lire, and a rise in price is forecast. The Italian peppermint harvest having been small and the crop damaged through continual rain, the yield of the essential oil was quite low. It is quoted at 600-610 lire.

### DISCUSS PROSPECTS FOR 1926 OTTO OF ROSE

Botu Pappazoglou & Co., Kazanlik, write their American representatives, Ungerer & Co., New York, that consumers should not entertain hopes that the 1926 crop of otto of rose will permit any great reduction in prices.

A comparatively new and very serious factor affecting otto of rose prices is the increasing production of rose concrete in Bulgaria by the volatile solvent process. A number of new installations for concrete preparation will come into production this season, resulting in increased competition for flowers and it is a practical certainty that even given the best climatic conditions, the otto of rose production for 1926 will not be much above last year and may be substantially less. This is not necessarily to be taken as a prediction that 1926 new crop prices will be set at the present level, but any reduction in price will be slight. Nothing definite will be known for one or two months when the prices for roses will be set.

During the first ten months of 1925 Italy imported essential oils, perfumes, soaps and candles to the value of 39,061,312 lire, against 30,028,729 lire in the same period of 1924; and exported the same products to the value of 99,503,237 lire in the first ten months of 1925, against 68,789,598 lire in the same period of 1924.

E. J. McHugh has been elected president of Alfred N. Smith Co., importers of the entire line of Djer-Kiss French toilet specialties. Mr. McHugh is president of V. Vivaudou, Inc., which recently acquired Alfred N. Smith Co.

George M. Dodge, president of Dodge and Olcott, drug importers, New York, has been seriously ill with pneumonia for the last two weeks.

# Prices Current of Fine and Heavy Chemicals, Drugs, Essential Oils, Dyestuffs and Oils

**CLASSIFICATION**—Prices quoted herein are listed in the following groups: Chemicals, including heavy, technical and industrial chemicals; fine, medicinal, and photographic chemicals; coal-tar crudes and intermediates; tanning and dye extracts; dye and tan woods; naval stores; fillers and pigments; dextrans, sizes and starches; fertilizer materials, accelerators and solvents, and miscellaneous products; Crude Drugs, including barks, herbs, roots, etc. Essential oils, including oleoresins, synthetic aromatic chemicals and isolates. Fatty Oils, including animal, vegetable, and fish oils, tallows, greases and fats. All groups are in alphabetical order.

**Packages**—Prices are for large quantities in original packages of the customary trading units of weight or measure. A container given in connection with a price does not necessarily mean that this is the quantity on which the price is based. Containers named are the original packages most commonly sold in this market.

**QUOTATIONS**—Chemical prices quoted herein are those of American manufacturers unless otherwise specified. Quotations on imported chemicals are so designated. Where resale or "second hand" stocks of any chemical products are sufficient to be considered a factor in determining the market, prices for goods in this class will be quoted in addition to makers' prices available, and indicated as such. Chemical prices quoted herein

are for goods spot New York or Metropolitan District, f. o. b. ex-store, for immediate shipment, unless otherwise specified. Numerous domestic made heavy or industrial chemical products are sold principally on a basis of f. o. b. works, and are thus quoted in the list herein, each instance of a "works" price, however, being specified as such.

Fatty Oils prices quoted herein are for goods spot New York unless otherwise noted; f. o. b. mills and Coast prices being designated as such. Crude Drugs and Essential Oils are quoted f. o. b. New York (Manhattan with limitations) for immediate shipment. Tanning and Dye Extracts are quoted spot New York unless otherwise noted.

**WEIGHTS AND MEASURES**—All quotations are made on a basis of avoirdupois pounds and ounces, and American gallons. The following equivalents are given for the reference of exporters, importers, and foreign buyers:

1 Imperial Gallon (British)	—1.20 American Gallons
1 American Gallon	— .833 Imperial Gallon
1 American Gallon	—3.79 Liters
1 Liter	— .264 American Gallon
1 American Gallon (Water)	—8.35 Pounds
1 Pound (Avoirdupois)	— .454 Kilogram
1 Kilogram	—2.20 Pounds

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## Chemicals

Acetaldehyde Dns., or Cyl. e-l wks	..	.26
le-l wks	..	.35
ACETANILID, tech., 150 lb bbls	..	.20
100 lb kegs	..	.22
USP, 200 lb bbls	..	.35
Second hands	..	.34
Acetic Anhydride		
85% 107 lb chys	..	.27
92-95%, 100 lb chys	..	.29
Acetic Ether, see Ethyl Acetate		
Acetone, 50 gal drums	..	.37
Acetone, CP, 700 lb drs e-l wks	..	.12
Tank cars, wks	..	.12
700 lb drs le-l wks	..	.13
350 lb drs le-l wks	..	.14
Acetone Oils, light, drs. wks	..	1.40
Heavy, drs wks	..	1.40
Acetophenetidin, 225 lb bbls	..	1.60
Acetyl Chloride, 100 lb chys	..	.42
Acetylenetrachloride	..	1.50
Acetylenetrachloride Drums wks	..	.10
ACID, 1, 2, 4, 250 lb bbls	..	1.25
Acetic, 28%, 400 lb bbls e-l		
wks	..	3.24
28% le-l wks	..	3.40
56% e-l wks	..	6.09
56% le-l wks	..	6.34
70% bbls e-l wks	..	7.51
70% le-l wks	..	7.76
80% com'l bbls e-l wks	..	8.41
80% com'l, le-l wks	..	8.66
80% pure bbls e-l wks	..	9.30
80% pure le-l wks	..	9.55
Glacial, le-l wks	..	11.47
Glacial, le-l wks	..	11.72
Glacial, USP, chys wks	..	12.22
Second hands	..	.70
Anthranel, tech., drs	..	.80
99-100%, 100 lb drs	..	.98
Benzole, tech., 100 lb bbls	..	.58
Tech., ton lots bbls	..	.57
USP, 100 lb bbls	..	.61
Second hands	..	.55
Boric crys., powd. 250 lb bbls	..	.09
Keps 100 lb	..	.10

ACID		
Butyric, 60% pure 5 lb bot	..	.55
90%	..	.70
CP 10 lb bot	..	1.25
Camphoric USP, VIII 1 lb bot	..	4.85
Carbolic, USP, crys see also Phenol		
112 lb tins	..	.24
25 lb tins	..	.27
5 lb tins or bot	..	.29
1 lb bot	..	.34
Liquid USP, 1 lb bot	..	.33
Crude, 35% 50 gal bbls gal	..	.31
10% 50 gal bbls gal	..	.25
Carbonic, see Carbon Dioxide		
Chloroacetic		
Mono 100 lb bbls wks	..	.25
DI, 150 lb chys wks	..	1.00
Tri, 5 lb bot	..	2.50
Chlorosulfonic, 1500 lb drs		
wks	..	.15
Chromic, USP, 200 lb drums	..	.40
98% Pure 400 lb drums	..	.37
Chromotropic, 300 lb bbls	..	1.25
Chrysophanic, see Chrysarobin		
Cinnamic, 5 lb cans	..	3.25
CITRIC, USP, crys. 230 lb bbls	..	.45
Powd., USP, 200 lb bbls	..	.46
Imported crys., 112 lb kegs	..	.44
Single kegs	..	.47
Cleve's 250 lb bbls	..	.95
Cresylic, 95% dark drs NY gal	..	.54
97-99% pale NY gal	..	.58
Crude, spot drums	..	.58
Diethylbarbituric, Dom., 25 lb lots		
1 lb bot	..	8.00
Imp. bulk	..	4.15
Formic, 85% tech., 140 chys	..	.10
90%-80 lb chys incl	..	.11
Gallie, USP, 150 lb bbls	..	.69
Tech.	..	.50
Gamma, 225 lb bbls wks	..	1.30
Glycerophosphoric, 25% 1 lb bot	..	1.85
H 225 lb bbls wks	..	.63
Hydrolic, 10% USP 5 lb bot	..	.68

ACID (Con't)		
Hydrobromic, 48% com'l 155 lb		
chys wks	..	.45
48% com'l 10 chys wks	..	.45
40% USP, 155 lb chys wks	..	.55
10% USP, 100 lb chys wks	..	.13
Hydrochloric, see also Acid Muriatic		
CP, USP, 110 lb chys	..	.07
Hydrocyanic, wks cyl	..	.90
HYDROFLUORIC, 30% 400 lb bbls		
wks	..	.06
30% 100 lb chys wks	..	.08
48% single 100 lb chys wks	..	.10
52% 100 lb chys wks	..	.12
52% 10 chys wks	..	.11
60% 100 lb chys wks	..	.14
60% 300 lb dr. wks	..	.13
White Acid, 100 lb chys wks	..	.26
White Acid, 10 chys wks	..	.25
Hydrofluosilicic, 35% 450 lb bbls		
wks	..	.10
Hypophosphorous, USP 30% 5		
gal. dems	..	.35
USP, 10% 5 gal dems	..	.36
LACTIC, 22% dark 500 lb bbls	..	.05
22% light, bbls	..	.07
44% dark, bbls	..	.11
44% light, bbls	..	.13
66% dark, bbls	..	.13
66% light, bbls	..	.28
USP, IX 100 lb chys	..	.70
USP, VIII 100 lb chys	..	.50
Laurent's 250 lb bbls	..	.80
Metanilic, 250 lb bbls	..	.60
Mixed, Sulfuric-nitric		
Drums, wks	..	.07
Drums, 10% S Unit	..	.01
Tank cars, wks	..	.06
Tank cars wks	..	.008
Molybde, 85% pure 100 lb kegs	..	1.25
100% CP, 100 lb kegs	..	1.30
Monosulfonic F.Delta 50 lb tins	..	1.65

Cooper's C. P. ACIDS are uniform  
**MURIATIC - SULPHURIC - NITRIC**

In Bottles. In Carboys.

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## Chemicals

ACID			ACID			ACID		
MURIATIC, 20° chys lc-l			Floric, 450 lb nols	.80	.33	Valeric, CP, 10 lb bot	2.50	2.75
wks	100 lb	1.60 : 1.70	Pyrogallie, crys., 5 lb cans	1.25	1.30	Aconitine Alk., cryst., 1 oz vis.	...	30.00
Chys, c-l wks	100 lb	1.35	Resublimed, 5 lb cans	1.50	1.60	Amorphous 1 oz vis.	...	20.00
Tank cars, wks	100 lb	1.00	Tech., powd., 200 lb bbls	...	.85	Adepe Lanac hydrous 350 lb bbls	.20	.21
18° 120 lb chys			Salicylic, tech., 125 lb bbls	.33	.34	Anhydrous, 350 lb bbls	.22	.23
c-l wks	100 lb	1.25	USP, 100 lb bbls	.34	.35	Albumen, Egg, edible	1.05	1.07
Tank cars, wks	net ton	...	Second hands	.33½	.34½	Tech., 100 lb drs	1.01	1.03
22° 120 lb chys			Sulfanilic, 250 lb bbls	.15	.18	Blood 225 lb bbls	.55	.60
c-l wks	100 lb	1.75	SULFURIC, 66° 180 lb chys			Vegetable edible	.55	.60
Muriatic, CP, & USP, see Acid Hydrochloric			lc-l wks	1.50	1.85	Techrical	.55	.60
Naphthionie, tech., 250 lb bbls	.55	.59	Chys, c-l wks	100 lb	1.25	ALCOHOL, amyl See Fusel Oil		
Neville & Winter's 250 lb			1,500 lb Drums lc-l			Benzyl, 5 lb bot	1.45	1.55
bbls	.95	.99	wks	100 lb	1.10	Butyl 50 gal drs wks c-l	.19½	.20½
NITRIC, 36° 135 lb			Drums c-l wks	100 lb	.80	Drums, lc-l wks	.20	.21
Chys lc-l wks	100 lb	5.00	Tank cars, wks	net ton	14.00	Tanks cars wks	.19	.20
Chys c-l wks	100 lb	4.75	60° 1500 lb drums			Ethyl, USP, 190 pf 50 gal	4.94	5.04
38° lc-l wks	100 lb	5.50	lc-l wks	100 lb	1.00	bbls	.64	.69
Chys c-l wks	100 lb	5.25	Drums, c-l wks	100 lb	.75	Export	.64	.69
40° lc-l wks	100 lb	6.00	Tank Cars, wks	net ton	10.00	Anhydrous drums c-l	...	.68
Chys, c-l wks	100 lb	5.75	CP., 175 lb chys	.07	.08	Cologne Spirit, 50 gal bbls	5.04	5.14
42° lc-l chys., wks	100 lb	6.50	Oleum 20 pc 1500 lb drums			Denatured		
Chys, c-l wks	100 lb	6.25	lc-l wks	100 lb	1.40	No. 1 complete denat., 190 pf	.42	.46
CP., chys single wks	100 lb	.12 : .13	Drums, c-l wks	100 lb	1.15	50 gal bbl incl	...	.45
Oxalic, 300 lb bbls, wks	.10½	.11	Tank cars, wks	net ton	17.00	Carlots	.36	.41
Bols., NY	.10½	.11	Oleum, 40% drs lc-l wks net ton	40.00		50 gal drums extra	...	.40
Keps, 100 lb NY	.11½	.11½	Oleum, 60% drs., lc-l wks net ton	60.00	70.00	Tank cars	...	.40
Imp., 560 lb casks	.11	.11½	Sulfurous, USP 6% 100 lb chys	.05	.06	No. 1 Special denat. 190 pf		
Bbls	...	.11½	4% 100 lb chys	.04	.05	50 gal bbl incl	.42	.46
Phenyleinchonide	5.00	5.25	USP, 5 gal demis	.06	.08	Carlots	...	.44
Phosphoric, 50% tech., 150 lb			Tannic, tech., 300 lb bbls	.30	.40	50 gal drums extra	.36	.40
Chys	.07	.07½	USP, powd., 200 lb bbls	.75	.80	Tank cars	...	.40
Syrupy USP, 70 lb drums	.15	.16	USP, fluffy, 50 lb bbls	.75	.80	No. 5, Complete denat. 188 pf		
Demis	.16	.17	Tartaric, USP, cryst., 300 lb bbls	.29	.29	50 gal bbl incl	.42	.46
Imported	.16	.16	USP, powd., 300 lb bbls	.28	.28	Carlots	.40	.45
Second hands	.15	.16	Imp., USP, 240 lb bbls	.28	.28½	50 gal drums extra	.36	.40
Phthalic, see Phthalic Anhydride			Powd., 240 lb bbls	.28	.28½	Tank cars	...	.40
Picramic, 300 lb bbls	...	.50	Tobias, 250 lb bbls	...	.85	No. 6, Complete denat. 199 pf		
			Tungstic, 100 lb kegs	...	1.00	No longer manufactured		

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GLAUBERS SALT  
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SODIUM SILICATE  
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## Chemicals

### ALCOHOL (Cont'd)

In addition to the regular authorized formulas for completely denatured alcohol, some 75 formulas for specially denatured alcohol are authorized for special uses. Owing to the limitations of their uses however, prices are quoted by the alcohol producers only to holders of permits allowing the use of specially denatured formulas in products authorized by the Dept. of Internal Revenue.

Diacetone, 50 gal drs. fght. allowed	2.15	: 3.90
Isobutyl, crude 50 gal drs. gal	...	...
Refined, 10 lb cans	...	...
Isopropyl, refined, 90-91%, 50 gal drs	1.00	: 1.25
Ref'd 98-99% drs	1.25	: 1.50
Phenylethyl 1 lb bot., dom	8.00	: 10.00
Propyl, nml., 50 gal drs	...	: 1.00
Aldehyde Ammonia 100 gal drums	.80	: .83
Alcin, USP, 100 lb cases	.85	: .88
Alpha-Naphthol crude 300 lb bbls	...	: .65
Refined	.85	: .90
Alpha-Naphthylamine, 350 lb bbls	.35	: .37
Ton lots bbls wks	...	: .35
ALUM, Ammonia, lump 400 lb bbls wks, c-1	3.15	: 3.50
Ground, 400 lb bbls wks 100 lb	3.25	: 3.65
Powd. 380 lb bbls wks 100 lb	3.55	: 3.90
Chrome, 500 lb cks., wks	5.25	: 5.50
Potash, lump 400 lb bbls wks	3.50	: 3.75
Bbls, c-1 wks	3.35	: 3.40
Imported lump	2.75	: 2.85
Ground, 400 lb bbls wks 100 lb	3.50	: 3.85

### ALUMS, Potash (Cont.)

Imp., 350 casks	100 lb	2.75	: 3.00
Powd., 380 lb bbls wks	100 lb	4.00	: 4.50
Chrome, 500 lb casks wks	100 lb	5.25	: 5.50
Grd., 400 lb bbls. wks	100 lb	...	: 3.75
Bbls c-1 wks	100 lb	...	: 3.50
Aluminum metal, c-1 NY	100 lb	28.00	: 29.00
Chloride, anhyd., 275 lb drs	lb	.35	: .40
Crystals, 375 lb bbls	...	...	: .06 1/2
30% sol. 120 lb chys	...	.03 1/2	: .04
Hydrate 96% light 90 lb bbls	lb	.17	: .18
Heavy 62-64% 220 lb bbls	lb	.06	: .06 1/2
400 lb bbls wks	...	.08 1/2	: .07
Stearate, 100 lb bbls	...	.23	: .24
SULFATE, Iron-free bags c-1 wks	100 lb	2.00	: 2.10
Bbls c-1 wks	100 lb	2.15	: 2.25
Imported, spot	100 lb	1.60	: 1.65
Comm'l 1 1/2% iron bgs c-1 wks	East 100 lb	...	: 1.40
Cont. bgs c-1 wks. E	100 lb	1.35	: 1.40
Bags, c-1 wks W	100 lb	...	: 1.40
Bbls, c-1 wks E	100 lb	...	: 1.55
Bulk c-1 cont. wks E	100 lb	...	: 1.50
Amidol (See Diaminophenol)	...	...	...
Amidopyrine, Imp., 10 lb bxs	lb	4.60	: 5.00
Domestic 10 lb boxes	...	4.60	: 4.75
Aminoozobenzene, 110 lb kgs	...	...	: 1.15
AMMONIA, anhyd 100 lb cysl	lb	.13	: .15
Water 26° 800 lb drs del	lb	.03 3/4	: .04
Drs. c-1 delivered	lb	.03	: .03 1/2
CP, chys	...	...	: .10

Ammonium Acetate, 100 lb kgs	lb	...	: .43
Berzoate, USP, 1 lb bot	...	...	: 1.27
Bifluoride, 300 lb bbls	...	.21	: .22
100 lb kgs	...	.22	: .23
Bromide, 450 lb bbls 50 lb bxs	...	...	: .55
Imported, 112 lb boxes	lb	.50 1/2	: .52
Carb., tech., 500 lb cases	lb	.08 3/4	: .09
Powd., tech., 550 lb cks	lb	.07 1/2	: .07 3/4
USP, lump, 100 lb kgs	lb	.11	: .11 1/2
Powd., 100 lb kgs	...	.13	: .13 1/2
Second hands	...	.11	: .11 1/2
Chloride, Domestic	...	...	...
White, 250 lb bbls c-1	lb	...	: .06
250 lb bbls c-1 wks	lb	.06 1/2	: .06 3/4
Imported white 600 lb cks	lb	.05 1/2	: .05 3/4
CP, USP, gran bbls	...	...	: .14
Gray, 250 lb bbls, wks	...	.07 1/2	: .08
Bbls, c-1 wks	...	...	: .07
Imported gray 250 lb casks	lb	.06 1/2	: .06 3/4
Lump, 500 lb casks spot	lb	.11 1/2	: .12
Ichthyolate, as to brand	lb	4.85	: 5.00
Iodide, USP, 25 lb jars	...	...	: 5.20
Lactate, 500 lb bbls	...	.15	: .16
Refined Crystals bbls	...	...	: .20
CP gran., 100 lb kgs	...	.35	: .37
Oxalate, pure 100 lb kgs	...	.35	: .37
Iodide, 112 kgs	...	.25	: .30
Perulfate, 112 kgs	...	...	: .38
Phosphate, dibasic 200 lb bbls	...	.12	: .12 1/2
Mono, 325 lb bbls	...	...	: .04
Tri basic 325 lb bbls	...	...	: .04
Salicylate USP, 100 lb kgs	lb	.75	: .80
Sulfate bulk c-1	100 lb	...	: 2.95
Southern points	100 lb	...	: 3.00
200 lb dbl bags a.s. 100 lb	...	2.85	: nom.
Sulfate-Nitrate, bulk feb NY ton	...	...	: 81.00
Sulfocyanide, tech., 100 lb kgs	lb	.40	: .45
CP, 25 lb jars	...	.50	: .55
Amyl Acetate, tech., 50 gal drs	gal	2.10	: 2.30
Refined, 50 gal drums	gal	2.40	: 2.50
Alcohol see Fuel Oil	...	...	...

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Creosote U. S. P.

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# Chemicals

Amyl Butyrate absolute cases .. lb	1.20	1.30	BARIUM BINOXIDE, see Barium dioxide			Benzidine Base, dry 250 lb bbls lb	.72	.74
ANILINE OIL, 960 lb drums .. lb	1.20	1.30	Bromide .. lb	.44		Benzidine Sulfate, paste 350 lb		
Hydro Bromide .. lb	.75		Bromate .. lb	.70		bbls .. lb	.68	.70
Aniline Salt, 200 lb bbls .. lb	.23	.24	Carbonate, precip., 300 lb bbls			Benzol, see Benzene		
Annatto, fine .. lb	.41	.48	wks .. ton	52.00	54.00	Benzonaphthol, 5 lb boxes .. lb	3.50	3.60
Anthracene 80-85% 600 lb casks			Precip., 200 lb bbls, wks ton	50.00	52.00	Benzoyl Chloride, 500 lb drs .. lb	1.00	1.00
wks .. lb	.60	.65	Imports bags NY .. ton	48.00	51.00	Benzyl Acetate 100 lb chys .. lb	1.30	1.40
Anthraquinone, sub 125 lb bbl .. lb	.95	1.00	Chlorate, 112 lb kegs NY .. lb	.12	.12 1/2	Benzoate, bulk .. lb	1.15	1.35
Antimony metal, slabs, tons lots lb	.2134	.22	Chloride, 800 lb bbls wks ton	61.00	63.00	Medicinal PFC .. lb	1.75	2.00
Needle powd., 100 lb cases lb	.21 1/2	.22	200 lb bbls, wks .. ton	60.00	65.00	Chloride 95% tech., 925 lb drs lb	.25	.25
Bromate .. lb	1.50		Imports, large crystals, bbls.			100 lb chys .. lb	.25	.30
ANTIMONY CHLORIDE, anhyd 1000 lb			Spot .. ton	61.00	62.00	Redistil. 160 lb chys .. lb	.30	.35
drs .. lb	.16	.17	Dioxide, 88% 690 lb drs .. lb	.13	.13 1/2	Formate, 1 lb bot .. lb	3.25	3.50
50 lb crocks .. lb	.45	.48	Import, 86-88% 400 lb drs lb	.13	.13 1/2	Berberice Hydchlde, 1 lb bot .. lb	22.50	22.50
Sol'n 130 lb carboys 48° .. lb	.17		Hydrate, 500 lb bbls .. lb	.04 1/2	.05	Sulfate, acid or neut. 1 lb bot lb	22.00	22.00
Oxide, 500 lb bbls .. lb	.19	.20	Iodide, 5 lb box .. lb	5.15		BETA-NAPHTHOL, 350 lb bbls wks lb	.24	.24
Sulfuret golden 250 lb bbls lb	.15	.16	Nitrate, 700 lb casks .. lb	.10		Carlots wks .. lb	.24	.24
Crimson 250 lb bbls .. lb	.25	.27	Imports casks .. lb	.07 1/2	.08	Sublimed .. lb	.55	.60
Vermilion, 250 lb bbls .. lb	.48	.50	Sulfocyanide 600 lb bbls .. lb	.30	.31	Beta-Naphthylamine, tech., 200 lb		
Tartrolacate, 500 lb bbls .. lb	.45		Barytes, floated 350 lb bbls wks ton	23.00	24.00	bbls .. lb	.63	.67
Tribromide .. lb	1.05		Imported .. ton	29.00	33.00	Sublimed, 200 lb bbls .. lb	1.35	1.35
Antipyrine, USP, 100 lb cases .. lb	1.75	1.90	Crude, c.l.f. .. ton	9.00		Bichloride Mercury, see Mercury Bichloride		
Second hands .. lb	1.70	1.75	Bay Rum, Porto Rico, genuine			BISMUTH metal, 100 lb cases .. lb	3.50	3.50
Apomorphine Hydchlde, 3/4 oz vis oz	22.10		Medicated salicyl. acid or tartar			Second hands .. lb	3.15	3.25
Archil, double 600 lb bbls .. lb	.13	.14	45 gal bbls .. gal	.90	.95	Ammon. Citrate, USP, 5 lb cans lb	3.65	3.65
Triple, 600 lb bbls .. lb	.16	.17	Medicated quinine sulf., 45 gal			Betanaphtholate, 5 lb bxs .. lb	3.85	3.90
Cocoe, 600 lb bbls .. lb	.18	.20	bbls .. gal	.90	.95	Citrate, USP, 5 lb cans .. lb	3.50	3.50
Areoline Hydrobromide, 1 oz vialoz	8.75	10.25	Domestic synthetic, 50 gal	.70	.75	Chloride .. lb	4.05	4.10
Argols, red powd., 350 lb bbls lb	.06 1/2	.07	Bbls .. gal	.70	.75	Hydroxide .. lb	4.00	4.00
Arsenic metal 220 lb kegs .. lb	.45	.50	St. Thomas			Nitrate, 25 lb jars .. lb	3.35	3.35
Red, 224 lb kegs cases lb	.12	.12 1/2	Medicated salicyl. acid or tartar			Oxide anhyd .. lb	4.20	4.20
White 220 lb cases to 550 lb		.03 1/2	emetic 50 gal bbls gal	.85	.90	Oxychloride, 25 lb bxs .. lb	4.00	4.00
Bbls NY .. lb			Benzaldehyde, tech., 945 lb drs	.65	.70	Phenolsulfonate, 5 lb cans .. lb	3.55	3.55
Asbestos, e-1 .. ton	16.60	18.00	USP, 40 lb chys .. lb	1.15	1.30	Salicylate, 25 lb bxs .. lb	2.45	2.45
le-1 .. ton	20.00	22.00	PFC, 40 lb chys .. lb	1.40	1.50	Subcarbonate USP, 25 lb bxs lb	4.05	4.05
Aspirin, see Acid acetylsalicylic			BENZENE, 90% 8000 gal tanks			X-Ray diag 1 lb bot .. lb	4.40	4.40
Atropine Alk., USP, 1 oz vial .. oz	6.50	7.50	wks .. gal	.24		Subgallate, USP, 25 lb bxs .. lb	3.15	3.15
Sulfate, 5 oz cans .. oz	3.50		110 gal drs wks .. gal	.29		Sublotion, 5 lb lots .. lb	5.15	5.15
Single ounce .. oz	3.65		Pure tanks, wks .. gal	.28		Subnitrate, USP, 25 lb jars .. lb	3.35	3.35
			110 gal drs wks .. lb	.28		Second Hands .. lb	3.10	3.25
						Cones, 1 lb bot .. lb	4.65	4.65
						Subsalicylate, USP, 25 lb bxs .. lb	3.55	3.55
						Tannate .. lb	3.10	3.10

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## Chemicals

<b>BISMUTH (Continued)</b>			Butter of Antimony, see Antimony Chloride			<b>CAMPHOR (Cont'd)</b>		
above on basis 25 lb lots			Butyl Acetate, tank cars, wks ..gal. ....			2 1/2 lb slabs, 100 lb cs ..lb ....		
Smaller lots at an advance			Drums c-l wks ..gal. ....			1 lb cakes, 100 lb cs ....lb ....		
Tri-Bromophenol .....	lb	4.00	Drums l-c-l wks ..gal. ....			1 oz. tab., 1 lb ctns. ....lb ....		
Blanc Fixe, dry 400 lb bbls wks ton	80.00	90.00	Aldehyde, 50 gal drums wks ..lb ....			100 lb cs ..lb ....		
Imported, bbls .....	70.00	72.00	Propionate drums .....			Jap., ref., 2 1/2 lb slabs, 100 lb		
Paste, 650 lb bbls c-l .....	55.00	65.00	Tartrate, drums .....			cs .....		
<b>BLEACHING POWDER, 700 lb drums</b>			<b>CADMIUM, metal 100 lb bxs ..lb ....</b>			Powd. ....lb ....		
c-l wks contract .....	100 lb	2.00	Bromide, 50 lb cases jars wks lb			1 oz. tab., 100cs .....		
l-c-l wks contract .....	100 lb	2.15	Iodide, 10 lb bot .....			1/2 oz. tab., 100 lb cs, 1 lb		
c-l spot wks .....	100 lb	2.10	Sulfide cs .....			this .....		
l-c-l spot wks .....	100 lb	2.25	<b>CAFFEINE ALK., USP, 5 lb cans lb</b>			Crude, 100 lb cs .....		
l-c-l spot ex-warehouse 100 lb	2.35	2.50	Second Hands .....			Camphor, liniment, bbls .....		
300 lb drums c-l, wks contract 100 lb	2.25	2.25	Citrate, 25 lb cans .....			Camphor Monobrom., 100 lb cs lb		
c-l spot wks .....	100 lb	2.35	Hydrobromide, 1 lb bot .....			Caramel, 50 gal bbls .....		
l-c-l wks contract .....	100 lb	2.40	Hydrochloride, 1 lb bot .....			Carbazol, 250 lb bbls .....		
l-c-l spot wks .....	100 lb	2.50	Sulfate, 1 lb bot .....			Carbon Bisulfide, 500 lb dric-NY lb		
<b>Blood dried f.o.b. NY .....</b>			<b>CALCIUM, Acetate, 150 lb bgs c-l</b>			c-l drums, NY .....		
Chicago .....	unit	4.00	Arsenate, 100 lb bbls c-l wks lb			Carbon Black, c-l wks bgs .....		
S Am. Shipment .....	unit	2.80	Bromate .....			100-300 lb cases l-c-l NY .....		
<b>Blues, bronze Chinese, Millorl</b>			Bromide, 100 lb cs .....			Decolorizing 40 lb bgs c-l .....		
Prussian Soluble .....	lb	.31	Carbide 220 lb dr. c-l wks lb			90 lb drums c-l .....		
<b>Blue Vitriol, see Copper Sulfate</b>			Carbonate tech., 100 lb bags			Carbon Dioxide, Liquid, 20-25 cy lb		
Bone 3 & 50 gr. steam Chgo. ton	30.00	30.00	c-l .....			Tetrachloride, 140 lb drs del lb		
Imp. .....	35.00	35.00	USP, precip., 175 lb bbls .....			Drums c-l delivered .....		
Haw, NY .....	34.00	34.00	Chloride, solid, 650 lb drs c-l			Carmine, No. 40, 5 lb boxes .....		
<b>Bone Ash, 100 lb kegs .....</b>			f.o.b. wks .....			Casein, edib., 100 lb keg .....		
Black, 200 lb bbls .....	.06	.07	Imp., Shipment .....			Tech., 200 lb bbls .....		
Borax, crys., 400 lb bbls .....	.05 1/4	.05 1/4	Flake, 375 lb drs, c-l drs. f.o.b.			100 mesh .....		
Powdered, 300 lb bbls .....	.05	.05 1/4	wks .....			Castor Oil, USP, 50 gal bbls lb		
Kegs, 100-150 lb .....	.05 1/4	.06	Anhyd., 350 lb drs f.o.b. NY lb			Cases, 80 lb 2 tins .....		
Bordeaux Mixture, 16% pd .....	.11 1/4	.13	Glycerophosphate, 250 lb bbls lb			Tech., see Fixed Oils		
Paste, bbls .....	.08	.10	Hypophosphite, USP, 25 lb cans lb			Caustic Potash, see potash, caustic		
<b>Borneol, See Aromatic Chemicals</b>			Iodide, 5 lb bot .....			Soda, see soda, caustic		
<b>British Gum com c-l .....</b>			Lactate, tech., 500 lb bbls .....			Cellulose Acetate 100 lb cases ..lb		
l-c-l .....	4.17	4.27	USP, .....			ton lots .....		
Bromide, see potash, bromide etc.			Nitrate, 220 lb bbls c-l NY ton			Cerium Oxalate, USP, 100 lb kegs lb		
Bromine, bot. in 50 lb cs. wks lb	.45	.47	Phosphate, tech., 450 lb bbls lb			Chalk, drop 175 lb bbls .....		
Bromobenzene, 600 lb drums ..lb	1.65	1.85	Phosphate, mono, 325 lb bbls lb			Precip., light 250 lb bbls csks lb		
Bromoform, USP, 5 lb bot cs .....	1.10	1.10	Stearate bbls .....			Precip. heavy 560 lb csks .....		
Bucin Alkaloid, 100 lbs .....	1.10	1.10	Sulfocarbolate, 100 lb kegs ..lb			Bulk .....		
Sulfate, 100 lbs .....	1.10	1.10	<b>CAMPHOR, Amer., ref., 250 lb</b>			Precip. English, 7 lb bays .....		
Second hands .....	.08 1/4	.08 1/4	bbls .....			Precip. heavy 560 lb csks .....		

## WAG'S CHEMICAL CO.

Incorporated

## MANUFACTURING CHEMISTS

OFFICE &amp; LABORATORY, 521 SOUTH GAY STREET

KNOXVILLE, TENNESSEE

Address all Communications to the  
Company and not to Individuals

Dec. 17, 1925

The N. Y. Quinine & Chemical Works,  
No. 99-117 N. 11th Street,  
Brooklyn, N. Y.

Gentlemen:

We have been using Menthol-Y in the  
manufacture of WAG'S SALVE since last Spring  
and we have found it satisfactory in every respect.

WAG'S SALVE is an external preparation  
and from a medicinal standpoint we can detect absol-  
utely no difference in it since we discontinued the  
use of Japanese Menthol. From a manufacturing stand-  
point we much prefer Menthol-Y because there is no  
waste.

Wishing you continued success, we remain,

Very truly yours,

WAG'S CHEMICAL COMPANY, Inc.,

TLE-1



## Chemicals

<b>CHARCOAL</b>			Chrysarobin Powd., 400 lb bbls lb	...	3.50	Colchicine alk., USP., 1 oz vial oz	...	20.00
Hardwood, lump, bulk wks	bu	.18 : .19	Cinchonine alk., powd., 1000z tins oz	...	.38	Sallylate 1 oz vial	...	35.50
Spot, NY	bu	.24 : .26	Crystal	...	.65	Colloidion, USP., 30 lb drums	...	.23
Wood, powd., 100 lb bbls	lb	.04 : .05	Cinchonidin Sulfate, 1000z tins oz	...	.35	600 lb drums	...	.22
Willow, powd., 100 lb wks bbls	lb	.06 : .06 1/2	Resale, 1000z lots	...	.32	Flexible, drums	...	.25
Chestnut, clarified, 25% tks, wks	lb	.01 1/4 : .01 1/2	Cinchonine alk. powd., 1000z tins oz	...	.38	<b>COPPER</b> metal electrolytic c-l		
Bbls, wks	lb	.02 : .02 1/4	Crystal	...	.43	NY	100 lb	14.25 : 14.50
Powd., 60% 100 lb bags wks	lb	.05 1/2 : .05 3/4	Sulfate 100 oz tins	...	.25	Lake c-l NY	100 lb	14.25 : 14.50
Decolorized bags wks	lb	.06 1/2 : .07	<b>Citric Acid, see Acid Citric</b>			Casting c-l NY	100 lb	13.75
China clay, Dom bulk wks	ton	6.00 : 9.00	Citricine Ointment, See Mercury			Carbonate 400 lb bbls	lb	.16 1/2 : .17 1/2
Washed & Ground wks	ton	11.00 : 15.00	Coal Tar, See Tar			Chloride, 250 lb bbls	lb	.28
Imp., Filler Clay	ton	15.00 : 23.00	Cobalt metal, 100 lb kegs	lb	2.50 : 3.00	Cyanide, 100 lb drs	lb	.48 : .50
Coating	ton	20.00 : 25.00	Cobalt Oxide, 500 lb bbls	lb	2.00 : 2.10	Iodide 5 lb bot	lb	5.65
Chinoidin, 140 lb drs	lb	...	10 lb tins, 200 lb cases	lb	2.20	Oxide, red 1000 lb bbls ton lots	lb	.16 1/2 : .17
Chloral Hydrate, USP, 100 lb drs	lb	.60 : .65	<b>COCAINE, alk., USP., 1 oz vial oz</b>			Sub-Acetate, verd. 440 lb bbls lb	lb	.20 : .21
25 lb jars	lb	.68 : .70	Hydrochloride, USP—1 oz vials	...	8.07	SULFATE crys., 450 lb bbls lb-l	lb	4.45 : 4.75
Chloramine USP 200 lb bbls	lb	...	25 ozs	...	8.50	spot	100 lb	4.45 : 4.75
Chloroform, 5 lb bot	lb	.55 : .65	In 1/4 oz. vials	...	8.50	Carlota bbls spot 100 lb	lb	4.30 : 4.55
Chlorhydrin, Ethylene anhyd., 600 lb drums	lb	.75 : .85	In crystals, granular, powder, or flaky crystals as desired			Carlota bbls FOB NY 100 lb	lb	5.60 : 5.65
40% sol'n., 100 lb cys	lb	.25 : .30	<b>Cocoa Butter, bulk, 200 lb bales</b>			Powdered, 350 lb 5 bbls 100 lb	lb	12.00 : 13.00
<b>CHLORINE, Liquid, tank or multi-unit car wks contract</b>			c-l	...	.31	Copperas bulk c-l NY wks	ton	15.00 : 16.00
Tank car spot wks	lb	...	Fingers, cakes, etc., 12 lb bxs lb	...	.37	200 lb bgs c-l wks	ton	16.00 : 17.00
Carlota cyl. wks, contract	lb	...	<b>CODEINE, alk., oz. vials 10 oz lots</b>			400 lb bbls c-l wks	ton	1.90 : 2.00
spot, wks	lb	...	Hydrobromide, 1 oz vials, 10 oz lots	...	9.87	Powdered bbls	100 lb	1.25 : 1.35
l-c-l cyl. wks, contract	lb	.08 : .09	Hydrochloride, 1 oz. vials, 10 oz lots	...	7.92	Sugar, 400 lb bbls	100 lb	...
Spot wks	lb	.08 1/4 : .09 1/4	Nitrate, 1 oz vis. 10 oz. lots oz	...	7.42	<b>Corn Syrup, 42 deg., 50 gal</b>		
Chlorobenzene, mono 100 lb drs.	lb	...	Phosphate, 1 oz. vials, 10 oz lots	...	8.87	bbls	100 lb	...
wks lb-l	lb	.07	Salicylate 1 oz vials, 10 oz lots	...	7.42	43 deg. 50 gal bbls	100 lb	...
CHLOROFORM USP., 50 lb drs	lb	.28 : .30	Sulfate, 1 oz vis 10 oz lots oz	...	7.92	44 deg. 50 gal bbls	100 lb	...
Second Hands, 650 lb drs	lb	.25 : .27	Small sizes, 1/4 oz vials, 50c ex. per oz.—25 oz lots, 10c oz cheaper than above. Less than 10 ozs. 15c oz higher than above.			45 deg 50 gal bbls	100 lb	...
Technical, 650 lb drums	lb	.22 : .25	<b>CODLIVER OIL, Norwegian, 30 gal</b>			Corn Sugar, see Glucose		
Chlorophyll Oil Sol.	lb	2.50 : 2.75	bbls	...	34.00 : 36.00	Cotton Soluble, 100 lb bbls wet lb	lb	.40 : .42
Water Sol.	lb	3.75 : 4.00				Cottonseed, Meal 7% ton	ton	34.00 : 35.00
Chromium Acetate 20% sol'n. 400 lb bbls	lb	...				Coumarin, 25 lb tins 100 lb	lb	3.10 : 3.25
Fluoride, Powd., 400 lb bbls	lb	.24 : .26				<b>CREAM TARTAR, USP., 300 lb</b>		
Oxide, Green bbls	lb	.34 1/2 : .35 1/2				bbls	lb	.22 : .22 1/2
Chrome Green, C.P.	lb	.26 1/2 : .38				Imp., powd., USP., 224 bbls lb	lb	.21 : .21 1/2
Comm.	lb	.08 1/4 : .11				Creosote, USP., 42 lb cys	lb	.40 : .42
Chrome Yellow	lb	.16 : .17				Carbonate, 100 lbs., 50 lbs.,	lb	1.70 : 1.80
						Creosote Oil, 50 gal drums	gal	.13 : .15
						Cresol, USP., 400 lb drums	lb	.20 : nom.
						Cudbear, English	lb	.17 : .18

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## SEABOARD CHEMICAL COMPANY

DENATURED

## ALCOHOL

SEABOARD CHEMICAL CO.

90 WEST STREET  
NEW YORK

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Rector 4090-4091

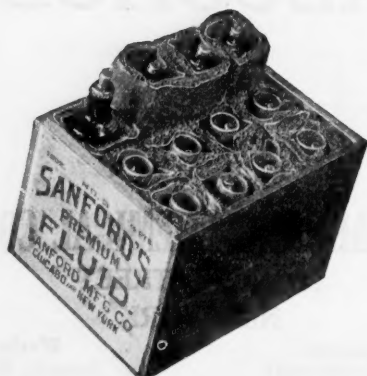
Works  
Newark, N. J.

## Chemicals

Cutch Bangoon 100 lb bales .. lb	..	.22	Divi Divi Extract .. lb	..	.04	nom.	Ethylene Glycol .. lb	..	.30	..	.40
Tablets, 120 lb boxes .. lb	..	.13	.14	Pods, bags ship .. ton	48.00	48.50	Tri Chloride .. lb	..	.10	..	.10½
Borneo solid, 100 lb bales .. lb	..	.05½	.05½	Dover's Powder USP., 5 lb tins lb	..	2.50	Ethylidenaniline .. lb	..	.62	..	.65
Cyanamide, bulk c-l wks Amm unit	1.90	2.05		Duboisine Sulfate, 1 oz vial .. oz	..	30.07	Eucalyptol, 25 lb cans .. lb	..	..	..	.90
Imp .. Amm unit	2.00	2.30		EARTH, Diatomaceous, see Kieselguhr	..	..	Feldspar, bulk .. ton	20.00	25.00		
Cyclohexanol, see Hexalene				Egg Yolk, 200 lb cs .. lb	..	.53	FERRIC CHLORIDE, tech., crys.				
Cymene, See Para-Cymene				Emetine alk., 15 gr., vis .. ea	..	1.65	475 lb bbls .. lb	..	.05	..	.06
Dextrin, white corn 140 lb bgs				Hydchlide, USP., 1 oz vial .. oz	25.00	25.50	Imported .. lb	..	.04½	..	.05
c-l .. 100 lb	..	3.87		15 gr. vials .. ea	..	.82	C.P. crys. 100 lb kegs .. lb	..	..	..	.16
bags c-l .. 100 lb	..	3.97		EPSON SALT, tech., 300 lb bbls			Imported .. lb	..	.06	..	.06½
Canary .. 100 lb	..	3.92		NY .. 100 lb	..	2.15	Neut. Sol'n., 42° 140 lb chys lb	..	.06½	..	.07
bags lc-l .. 100 lb	..	4.02		Bbls c-l NY .. 100 lb	..	2.00	46° 140 chys .. lb	..	.08	..	.08½
Potato, white, 220 lb bags lc-lb	..	.08½		100 lb c-l NY .. 100 lb	1.50	1.75	USP., Sol'n., 125 lb chys .. lb	..	.08½	..	.07
Yellow .. 100 lb	..	.08½		Imp., 220 lb bgs c-l	..	1.20	Bromide, solution .. lb	..	..	..	.55
Tapioca, 200 lb bags l-cl lb	..	.07½	.08½	NY .. 100 lb	..	1.20	Ferrous Bromide, sol'n., .. lb	..	..	..	.55
DIAMINOPHENOL, 100 lb kegs lb	..	3.80		USP, 200 lb bbls 10 bbls 100 lb	..	2.50	Chloride, crys. tech. 475 lb bbls lb	..	.05	..	.06
Dianyl Fthalate kegs wks .. gal	3.70	4.00		Carlots, bbls kegs 100 lb	2.00	2.25	Sulfide, 1000 lb bbls .. 100 lb	2.50	3.00		
Dianisidine, 100 lb bbs .. lb	3.25	3.50		Imported, 400 lb bbls 100 lb	1.85	1.90	Fish Scrap, dried wks .. unit	nom.	nom.		
Dibutyl Fthalate, wks .. gal	3.30	3.50		Ergotin, Bonjean, 1 lb jar .. lb	6.00	6.30	Add Bulk 7 & 3¼, Deliv.				
Dibutyl Tartrate, 50 gal drums lb	.55	.65		Eserine alk., 1 oz vial .. oz	..	30.07	Norfolk & Balt basis .. unit	4.75	&	10	
Dichlorobenzene, 1000 lb drs .. lb	.06	.07		Salicylate, USP., 1 oz vial .. oz	24.00	24.50	Flske-White, see lead white				
Dichloromethane, Drums wks .. lb	.23	.25		Sulfate, USP., VIII, 1 oz vial .. oz	24.00	24.50	Flavine Lemon 55 lb cs .. lb	..	.90	..	.95
Diethylamine, 400 lb drs .. lb	..	2.15		ETHER, USP., 55 lb drums .. lb	..	.16	Orange 70 lb cs .. lb	..	.85	..	.90
Diethylamine, 850 lb drs .. lb	.55	.60		Anaesthesia, 55 lb drums .. lb	..	.19	Fluorspar, 95% 220 lb bags ex-				
Diethyl Carbonate, drums .. gal	1.85	2.00		USP., 1880 55 lb drums .. lb	..	.45	dock .. ton	..	25.00		
Diethyl Phthalate 25 lb cans .. lb	..	.40		Washed, 55 lb drums .. lb	..	.37	96% bgs .. ton	..	33.50		
1000 drs .. lb	.32	.35		Motor 1 lb bottles .. lb	.30	.32	98% bgs .. ton	..	35.00		
Diethyl Sulfate tech., 50 gal drs. lb	.20	.25		Ether, Nitrous, 1 lb bot .. lb	.90	.95	FORMALDEHYDE, USP., 400 lb bbls				
C.P. drums .. lb	.40	.50		Ethyl Acetate, 99% 50 gal drs gal	..	1.05	c-l wks .. lb	..	.09	..	.09½
Digitatin, Pure, 1 oz vial .. oz	9.75	10.25		85% Ester, 10 gal drs gal	..	.85	Carboys 100 lb lc-l wks .. lb	..	..	..	.10½
high test .. oz	15.00	15.50		Carlots, drums .. gal	..	.82	Bbls 400 lb lc-l wks .. lb	..	.09½	..	.09½
Dimethylamine, 400 lb drs .. lb	..	2.60		Refined drums .. gal	1.72	1.85	Formaldehyde Aniline 100 lb drums lb	..	.39	..	.42
Dimethylaniline 840 lb drs wks lb	.31	.34		Aceto Acetate drums wks .. lb	..	1.00	Fossil Flour .. lb	..	.02½	..	.04
Dimethylsulfate, 100 lb drs .. lb	.45	.50		Benzyl Aniline, 300 lb drs .. lb	1.05	1.10	Formaniline .. lb	..	.38	..	.40
Dinitrobenzene, 400 lb bbls .. lb	.15	.15½	.16	Bromide, 115 lb drs .. lb	..	.50	Imported 230 lb bags NY .. ton	35.00	40.00		
Dinitrochlorobenzene, 400 lb bbls lb	.15½	.16		Butyrate cans .. lb	1.10	1.20	Furfural, 500 lb drums .. lb	..	.20	..	.23
Dinitrochlorine, 300 lb bbls .. lb	.18	.19		Chloride, 200 lb drs. 15 lb cyl. lb	..	.26	Ton lots .. lb	..	..	..	.17½
Dinitronaphthalene, 350 lb bbls lb	.32	.34		Lactate drums wks .. gal	4.00	4.15	Fusel Oil, 10% Impurities drs gal	1.40	1.50		
Dinitrophenol, 350 lb bbls .. lb	.31	.32		Methyl Ketone, 50 gal drs .. lb	.30	.31	Refined .. lb	3.25	3.50		
Dinitrotoluene, 300 lb bbls .. lb	.15	.17		Morphine, see Morphine, Ethyl			Fustic, solid 50 lb boxes .. lb	..	.20	..	.23
Dionin, see Morphine, Ethyl				Oxalate drums wks .. lb	.45	.55	Crystals, 100 lb boxes .. lb	..	.20	..	.22
Diorthotolylguanidine, 275 lb				Ethylene Bromide, 600 lb drs .. lb	..	.70	Liquid, 51°, 600 lb bbls .. lb	..	.09	..	.10
bbls, wks .. lb	1.05	1.08		Chlorhydrin, anhyd. 50 gal drs lb	.75	.85	Fustic, sticks .. ton	30.00	32.00		
Diphenylamine .. lb	.48	.50		40% Solution, 50 gal bbls lb	.25	.30	Chips .. lb	..	.04	..	.05
Diphenylguanidine, 5,000 lbs.				Dichloride, 50 gal drs .. lb	..	.18	G SALT, paste 300 lb bbls basis				
100 lbs. .. lb	.90	.93		Tank cars .. lb	..	.10	Gall extract .. lb	..	.20	..	.21

## Reason No. 3

for using

EXCELSIOR  
BOTTLE  
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## Chemicals

.40  
.10 1/2  
.65  
.90  
25.00  
.06  
.05  
.16  
.06 1/2  
.07  
.08 1/2  
.07  
.55  
.55  
.06  
3.00  
nom.  
.10  
.95  
.90  
5.00  
3.50  
5.00  
.09 1/2  
.10 1/2  
.09 1/2  
.42  
.04  
.40  
.00  
.23  
.17 1/2  
.50  
.22  
.10  
00  
05  
21

Gambler 25% liq., 450 lb bbls	.12	.14
Common 200 lb cases	.19 1/2	.20
Singapore cubes, 150 lb bags	.23	
Gelatin, USP, silver 1bl.100 lb cs	.60	.65
Gold Label, 100 cases	1.00	
Technical, 100 lb cs	.45	.50
Pure Food, 50 lb bbls	.55	.60
Sheets	.53	.55
GLAUBER'S SALT, tech., 200 lb bags		
e-1 wks	1.10	1.20
le-1 wks	1.35	1.45
350 lb bbls, e-1 wks	1.25	1.35
Bbls., le-1 wks	1.50	1.60
Imported, bags NY	.75	.80
USP, 300 lb bbls. Imp., sp.100 lb	1.25	
USP, 300 lb bbls. dom. sp.100 lb	1.75	
USP, 300 lb bbls., e-1 wks 100 lb	1.40	
Calcined, see Sodium Sulfate		
Glucose, (Grape Sugar) dry, 100		
70° bags e-1 NY	3.14	3.24
80° bags e-1 NY	3.24	3.34
Tanners' Special 100 lb bags 100 lb	3.14	
GLUE, pure white bbls	.22	.26
Medium white, bbls	.20	.24
French bbls	.18	.25
High Grade, bbls	.35	.40
Bone, regular, bbls	.10	.12
Fish, bbls	1.50	1.75
Hide bbls	.14	.24
GLYCERIN, C.P. 550 lb drums	.25	.30
Cans, 50 lb	.27 1/2	.28
Dynamite, 100 lb dr	.22	.23
Saponification tanks	.16	.17
Soap, lye tanks	.14	.15
Gua Powder, see chrysarobin		
Graphite, crude, 220 lb bags	15.00	35.00
Flake 500 lb bbls	.05	.09
Ground Imp., bbls	.04	.05
Gualacol liquid USP., 100 lb chys	2.00	2.25
Crystals	2.25	2.50
Benzonate, 1 lb bot	13.00	
Carbonate, 5 lb boxes	2.50	2.75
Second Hands	2.00	2.10

HAARLEM OIL, Dom., 6 gr. cs. gr.	3.20	3.30
Imported 5 gr cases	3.85	
Halazone 5 lb bot	2.75	3.25
HEMATINE, Paste, 500 lb bbls	.09	.12
Crystals, 400 lb bbls	.12	.20
Hemlock, 25% 600 lb bbls wks	.03 1/2	.03 1/2
Hemlock, bark	16.00	
Hexachlorethane Drums wks	.45	
Hexalene, 50 gal dra. wks	.55	.57
Hexamethylenetetramine, USP.		
100 lb drums	.60	.62
Imported	.54 1/2	
Rubber Makers, Impalp. Pd.		
dra	.80	.82 1/2
Homatropine Hydrobrom USP., 1 oz		
vials	14.50	
Five oz., 1 oz vials	13.50	
Hydrastine, Alk., USP., 1 oz vials oz	20.50	21.00
Hydchlde, USP., 1 oz vial	20.50	21.00
Sulfate 1 oz vial	22.50	23.00
Hydrastine Hydchlde, USP., 15 gr		
vials	40.00	
Hydrozobenzene 100 lb kegs		
HYDROGEN PEROXIDE, 25vol.400 lb		
bbls	.07	.07 1/2
100 vol. 140 lb chys	.32	.34
USP., Sol'n 375 lb bbls	.04	.05
100 vol 145 chys		.46
USP., bot 4 oz. cases	7.75	8.00
Bot. 8 oz cases	11.10	12.00
Bot. 16 oz cases	18.25	19.00
Hydroquinone, 100 lb kegs	1.25	1.50
Hyosine Hydrobrom. USP., 1 oz		
vial	13.57	
Five oz., 1 oz vial	13.07	13.57
Hyoscyamine Alk., Cryst., 1 oz vials	25.07	
Alkaloid, Amorphous, 1oz vial oz	75.07	
Hydrobromide, USP., 1 oz vial oz	35.07	
Sulfate, 1 oz vial	25.07	
Hyperme, 51°, 600 lb bbls	.12	.15
Chips	.06 1/2	.07
Indigo Madras bbls	1.28	1.30
20% paste drums	.14	.15
IODINE, crude 200 lb kegs	4.20	4.25
Resublimed, 10 lb jars	4.65	4.70

Iodine Tinct., USP., 50 gal bbl gal	4.85	
Carboys	4.90	
Second Hands	4.60	4.65
Crystals, 10 lb bot		6.05
Iodides, see Potass. Iodide, etc.		
Iodoform, powd., 10 lb bot		6.00
Iridium, metal 10 oz. lots	260.00	
Iron, metal by hydrogen 1 lb bot	.68	.70
IRON & AMM. CITRATE, USP., 50 lb.		
cans	.69	
Bromide	1.10	1.22
Cacodylate, 100 lb bot	8.00	8.10
Citrate, USP., VIII 25 lb cans	.94	1.01
Chloride, see Ferric or Ferrous		
Hypophosphite, 5 lb cans	1.55	1.60
Syrup, USP., 5 lb., bot	.35	.36
Iodide, 1 lb bot		4.28
Syrup, USP., 5 lb bot	.35	.36
Nitrate, kegs	.09	.10
Com'l. bbls	2.50	3.25
Oxalate scales, 25 lb cans	.88	.97
Oxide, red Spanish	.02 1/2	.03 1/2
English	.10	.12
Perchloride see Ferric Chloride		
& Ammon. Oxalate, 25 lb bxs	.37	.40
& Potassium Oxalate, 25 lb		
bbls	.40	.43
& Sodium Oxalate, 24 lb bxs	.32	.35
Phosphate, USP., 50 lb		.69
Pyrophosphate, USP., 50 lb		.74
JALAP RESIN, lump, 5 lb tins.		4.00
Powd., tins		4.65
Powd., tins		4.65
KIESELGUHR, 85 lb bags NY ton	60.00	70.00
LANOLIN See Adeps Lanae		
Larch, 25% 600 lb bbls wks	.03 1/2	.04
Powd., 100 lb bags wks	.08	.09
LEAD, metal e-1 NY	9.15	9.20
Acetate, white crystals, 500 lb		
bbls, wks	.14 1/2	.15
100 to 250 lb kegs, wks		.15 1/2
White, broken, bbls, wks. 100 lb		15.00
White, gran bbls. wks. 100 lb		15.50
White, powd., bbls., wks 100 lb		15.25
Brown, broken bbls wks	.13 1/2	.14



# Since 1836



Eighty-nine years ago, when Andrew Jackson was President, this house was established. It means something very tangible to have been in business more than three quarters of a century; but what means more to us and our customers is that during that whole time, we have not only kept step with progress in the manufacture of collapsible tubes; but have initiated many of the improvements in this type of container.

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*Collapsible Tubes-Metal Sprinkler Tops*  
 30 East 42<sup>nd</sup> Street  
 New York City

ESTABLISHED 1836  
 INCORPORATED 1914

Jackson & Michigan  
 Chicago

PRICES CURRENT SECTION

## Chemicals

LEAD ACETATE (Cont'd)			LITHOPONE (Continued)			MANGANESE DIOXIDE (con't.)		
USP., 100 lb kegs	.19	.19%	Bags c-l wks	.05%	.05%	85-90% 900 lb bbls NY ton	85.00	80.00
Arsenate, 100 lb kegs	.15	.15	Imported, 400 lb bbls	.05%	.06	Hydrated, precip., 100 lb kegs	.15	.23
Bbls., c-l wks	.14	.14	Litmus Cubes	.90	1.00	Glycerophosphate, 5 lb tins	2.90	3.00
Bols., c-l wks	.14	.14%	Second hands	.08	.75	Hypophos USP VIII 5 lb cans	1.35	1.40
Paste, 100 & 600 lb bbls	.08	.09	Logwood 51° 600 lb bbls	.08%	.08%	Iodide, 1 lb bot	6.40	6.65
Iodide, USP., VIII 5 lb bot	3.20	3.40	Lower grades	.07%	.08	Ore., bulk, c.l.f. NY	.43	.44
Nitrate, 500 lb bbls wks	.14	.14	Solid, 50 lb boxes	.12	.15	Sulfate, 550 lb drums NY	.07	.07%
Oxide, litharge, 500 lb bbls	.11%	.11%	LOGWOOD, sticks	26.00	27.00	Mangrove, 55% 400 lb bbls	.03%	nom.
100 kegs wks	.14%	.15%	Chips, 150 lb bags	.03	.03%	Mangrove, bark, African	44.00	
Oxide, red, 500 lb bbls, wks	.12%	.12%	Luminal, see Phenylethylmalonolurea			Marble Flour, bulk	10.00	12.00
100 lb kegs wks	.12%	.16%	Madder, Dutch	.30		See also Calcium Carbonate		
Oleate, bbls	.17%	.18	MAGNESITE calcined, 500 bbls ton	14.25	17.50			
Peroxide, 100 lb drs	.25	.30	Magnesium, mtl. sticks 100 lb cs					
White, basic carb., 500 lb bbls			f.o.b. wks	.85				
wks	.10%	.10%	Bromate	1.50				
100 lb kegs wks	.14%	.15%	Carb. tech. 70 lb bags NY	.08%	.08%			
White sulfate 500 lb bbls wks	.10	.10	75 lb bbls NY	.08	.08%			
Licorice Ext., Mass cases	.21	.22	USP., 100 lb bbls	.09%	.10			
Compound powder, bbls	.11	.13	English, oz. blocks	.17	.19			
Powdered	.35	.36	Chloride, fused 575 lb drs. c-l					
Sticks, 1 oz 100 lb cases	.30	.35	wks	34.00				
			Flake, 350 lb drs. wks. c-l ton	36.00				
			Imp., Flake Shipt.	30.50	31.00			
			Imp., fused 900 lb bbls NY ton	28.00	30.00			
			Fluosilicate, crystals 400 lb bbls					
			wks	.12	.15			
			30% sol'n. 500 lb bbls wks	.07	.07%			
			Sol'n. bbls., c-l wks		.06			
			Glycerophosphate, 5 lb tins	3.20	3.25			
			Hypophosphite, 5 lb cans		1.05			
			Oxide, USP., light, 100 lb bbls		.42			
			USP., heavy, 250 lb bbls		.50			
			Peroxide, 5 lb cans		2.40			
			Perborate, 1 lb tins		2.62			
			Salicylate, 100 lb kegs	.75	.80			
			Stearate bbls	.23	.25			
			Sulfate see Epsom Salts					
			Manganese Borate, 30% 200 lb					
			bbls	.24				
			100 lb kegs	.25				
			Chloride, 600 lb csks	.06	.06%			
			Dioxide, 80-84% 900 lb bbls					
			NY	80.00	85.00			

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Yellow Prussiate of Potash

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## Chemicals

Meta-Phenylenediamine, 300 lb bbls ..... lb	.90	: .94	MORPHINE (Con't)			Nitrobenzene, crude, 1000 lb drs wks ..... lb	.09 1/2	: .10
Meta-Toluylenediamine, 300 lb bbls ..... lb	.72	: .74	Hydchlide 5 oz tins 10 oz lots ..... oz	7.35		Redistilled, 1000 lb drs wks lb	.10	: .11
Tanks ..... lb		: .70	Ethyl Hydchlide, 5 oz tins 10 oz lots ..... oz	8.85		Nitrogenous Material bulk, ..unit		: 3.60
METHANOL (Wood Alcohol)			Sulfate, 5 oz tins 10 oz lots oz	7.35		Nitronaphthalene, 550 lb bbls lb		: .25
95% tanks ..... gal	.55		Small Sizes: 1/2 oz. vials, 50c extra; 1/4s 25c extra; single oz. vis., 7c extra, over price for 5 oz tins. 25 oz lots in 5 oz tins, 10c oz. lower than above schedule. Less than 10 oz. lots 15c oz. higher than above schedule.			Nitrotoluene, mixed 1000 lb drs wks ..... lb	.14	: .15
Drums, c-l ..... gal	.58					Nutgalls, see Crude Drugs		
Drums, l-c-l ..... gal	.92					Oak bark, whole ..... ton	20.00	: 23.00
97% tanks ..... gal	.57					Ground ..... ton	45.00	: 50.00
Drums, c-l ..... gal	.60					Oak, tanks, wks ..... lb		: .03 1/2
Drums, l-c-l ..... gal	.62					23-25% liq., 600 lb bbls wks lb	.04	: .04 1/2
Pure, Acetate free, tks ..... gal	.65					Solid, powd. .... lb	.07 1/2	: .08
Drums c-l ..... gal	.68					Ochre ..... lb		: .03 1/2
Drums, l-c-l ..... gal	.70					Oil Fuel, see Fuel Oil		
Bbls, incl., 6c higher						OIL MINERAL, wh, 50 gal bbls gal	.80	: .90
U. S. denat. grd., tanks gal	.85					Russian ..... gal	.95	: 1.00
Drums, c-l ..... gal	.68					Oil Mirbane, see nitrobenzene		
Drums l-c-l ..... gal	.70					Opium, see crude drugs		
Methyl Acetate drums ..... gal	.95					Orange Mineral, 1100 lb casks NY lb		: .14 1/2
Methyl Acetone, 100 gal drums gal	.83	: .85				700 lb bbls NY ..... lb		: .14 1/2
Tanks, cars ..... gal	.80					Ortho-Aminophenol, 50 lb kegs lb	2.15	: 2.25
Bromide ..... lb	1.00					Ortho-Anisidine, 100 lb drs lb	2.50	: 2.75
Chloride, 90 lb cyl ..... gal	.60	: .65				Ortho-Dichlorobenzene, see Dichlorobenzene		
Sulicylate, USP, 50 lb cans gal	.43					Ortho-Nitrochlorobenzene, 1200 lb dr. wks ..... lb	.32	: .35
500 lb drums ..... lb	.41					Ortho-Nitrophenol, 350 lb ..... lb	.90	: .95
Methylene Blue, tech., 100 lb kegs lb	1.30	: 1.50				Ortho-Nitroliouene, 1000 lb drs. wks ..... lb	.13	: .15
USP., medicinal 5 lb cans lb	1.75	: 1.90				Ortho-Toluidine 550 lb bbls lb	.25	: .27
Miehler's Ketone, 225 lb bbls lb	3.00	: 3.25				Osage Orange 51° liquid ..... lb	.07	: .07 1/2
Milk, powd., 150 lb bbls lb	.14	: .15				Powd., 100 lb bags ..... lb	.14 1/2	: .15
Milk Sugar, see sugar of milk						Crystals ..... lb	.16	: .17
Mineral Oil, see oil mineral						Oxgall, USP, 5 lb bot ..... lb	1.75	: 2.50
Mineral Rubber ..... ton	35.00	: 75.00				Purified, 5 lb bot ..... lb	2.00	: 2.50
Mining Salts Drums wks ..... lb		: .33				Crude, 5 lb bot ..... lb	1.00	: 1.25
Monobromobenzene See Bromobenzene						PALLADIUM, metal 10 oz lots ..oz	80.00	: 81.00
Monacetine, See acetine						Pancreation, USP, 5 lb bot lb	2.25	: 2.50
Monochlorobenzene, see chlorobenzene						Papain, 10 lb bot, USP, Powd., lb	4.25	: 5.50
Monothralanline, 900 lb drs lb		: 1.05				Crude, 150 lb cases ..... lb		: ...
Monomethyl paraminophenol sulfate 100 lb drs. .... lb	3.95	: 4.20				Paraffin, ref'd. 200 lb es slabs		
MORPHINE ALK., USP, 5 oz tins, ozs	9.20	: 9.30				118-120 Deg. M.P. .... lb	.08	: .09
Acetate, 5 oz. tins oz lots ..oz		: 7.35				123-127 Deg. M.P. .... lb	.06 1/2	: .06 3/4
Hydrobromide, 5 oz tins 10 oz lots ..... oz		: 7.35						



# VICTOR CHEMICAL WORKS

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# OXALIC ACID

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# Zinc Oxide

# Butyl Propionate

# Isco Carrara Silica

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Murphysboro, Ill.  
Owego, N. Y.

## Chemicals

<b>PARAFFIN (Con't)</b>			<b>PARIS GREEN (Con't)</b>			<b>PILOCARINE HYDCHLIDE, USP., 25oz</b>		
128-132 Deg., M.P. ....	D	.07½ : .07½	Packages, 5 and 2 lbs. ....	D	.23 : .24	lots, 1 oz vials ....	oz	4.00 : 4.50
133-137 Deg., M.P. ....	D	.08 : .08½	Packages, 1 lb., ½ lb., ¼ lb. ....	D	.25 : .26	Nitrate, 25 oz. ....	oz	4.00
138-140 Deg. M.P. ....	D	.08½ : .10	Paris White, see Whitening French			Single ozs. ....	oz	4.50
Para-Aminoacetanilid, 100 lb			Pepsin, USP., 5 lb bot. 1:3000 lb	D	2.50 : 2.75	Alkaloid, 15 gr. vis. ....	ea	.85
kegs	D	1.00 : 1.05	1:6000 bottles	D	5.00 : 5.25	Pine Oil, stm., dist., bbls	gal	.66
Para-Aminophenol, 100 lb kegs	D	1.10 : 1.16	1:10,000 bottles	D	8.35 : 8.50	Destructive dist.	lb	.63
Hydrochloride, 100 lb kegs	D	1.25 : 1.30	Peptone, powd., 5 lb	D	1.25	Piperazine Hydrate, 1 lb bot	lb	15.00
Para-Dichlorobenzene, 150 lb bbls			PETROLATUM, green 300 lb bbls	D	.02½ : .03	Piperidine, 25 oz	oz	1.10 : 1.25
wks	D	.17 : .20	Dark Amber, 300 lb bbls	D	.04½	Pitch, Coal-Tar, wks	ton	24.00 : 26.00
25-50 lb kegs	D	.18 : .22	Light Amber, 300 lb bbls	D	.04½	Prime	bbl	8.00 : 10.60
Formaldehyde, 100 gal drs gal	...	.48	Cream White, USP, 300 lb bbls	D	.07 : .07½	Plaster Paris, tech., 250 lb bbls	bbl	3.30
Tech.,	...	.35	Lily White, USP, 300 lb bbls	D	.07½	True Dental, 300 lb bbls	bbl	4.50
Para-Cymene, Fed., 110 gal drs gal		2.25 : 2.50	Snow White, USP., 300 lb bbls	D	.12½	Platinum, metal soft 10 oz lots	oz	120.00
Paraformaldehyde, USP., 100 lb cs	D	.42½ : .45	Phenol, see also acid carbolic			Pedophyllin, 5 lb bot	lb	4.25 : 4.50
Para-Nitroacetanilid, 500 lb			Makers 950 lb drums spot	D	.21 : .22	Second Hands	D	4.20 : 4.30
bbls	D	.50 : .55	Small drums 240-100 lb	D	.22 : .24	POTASH SALTS, rough		
PARA-NITROANILINE, 300 lb bbls			Open market drums	D	.21	Pot. Murate basis 80% bgs	ton	34.90
wks single bbls	...	.48	240 lb des. drs., wks	D	.27	Pot. Sulfate, basis, 90% bgs., ½	ton	45.85
Para-Nitrochlorobenzene, 1200 lb drs			Natural, 240 lb des. drs. wks	D	.27	Pot. & Mag., Sulfate, basis 48%	ton	26.38
wks	...	.33	Phenolphthalein, USP., 100 lb drs	D	1.30 : 1.40	bgs	ton	26.38
Para-Nitro-ortho-Toluidine, 300 lb			5 lb cans, 100 lb lots	D	1.40 : 1.50	Manure Salts basis 30% bulk	ton	18.00
bbls	D	2.75 : 2.85	Phenyl-Alpha-Naphthylamine 100 lb			Manure Salts, basis 20% bulk	ton	11.35
Para-Nitrophenol, 185 lb bbls	D	.50 : .55	kegs	D	1.23 : 1.29	Kalnit, basis, 12.4% bulk	ton	8.50
Para-Nitrosodimethylaniline, 120 lb			Phenylethylmalonylurea, oz. pkg., oz	...	5.50	Bulk in bags, \$2.00 extra		
bbls	D	.92 : .94	Phosgene, 100 lb cylinders	D	...	Prices c.i.f. Atlantic & Gulf Ports		
Para-Nitrotoluene, 350 lb bbls	D	.28 : .30	Phosphate Acid, 16% Bulk wks unit	D	.62½ : .65	Discounts 50 tons, 5%; 500 tons 10%		
Para-oxy Benzaldehyde, 100 lb			Phosphate Rock, f.o.b. mines			POTASH, CAUSTIC, solid 88-92%		
kegs	D	1.70	Florida Pebble 68% .....	ton	3.25 : 3.50	700 lb drs wks	D	.07½ : .07½
Para-Phenetidin, 500 lb drs	D	1.55 : 1.80	Florida Pebble 70% .....	ton	3.50 : 3.75	Imp., 88-92% 700 lb drs. NY	D	.07½ : .07½
Para-Phenylenediamine, 350 lb			Florida 72% .....	ton	4.25 : 4.50	USF, by alcohol 5 lb cans	lb	.46 : .47
bbls	D	1.20 : 1.25	Florida Pebble 75-74% .....	ton	5.00 : 5.25	cases	D	.30 : .31
Para-Toluene-Sulfonamide, 175 lb			Tennessee, 72% .....	ton	5.50	POTASSIUM Acetate, USP., 100 lb		
bbls	D	.40 : .41	Phosphorus Oxide, 175 lb cyl.	D	.35 : .40	kegs	D	.29 : .30
Para-Toluene-Sulfonchloride, 410 lb			Phosphorus, red 110 lb cs	D	.68 : .70	Second Hands, kegs	D	.26 : .28
bbls. wks	D	.18 : .30	Yellow, 110 lb cs wks	D	.32	Bicarbonate, crys., 320 lb bbls	D	.08½ : .09
Para-Toluidine 350 lb bbls wks	D	.50 : .60	Imported, 110 lb cs wks	D	.37½	Bichromate crys., 725 lb csks	D	.08½ : .08½
PARIS GREEN			Phosphorus Trichloride, 175 lb cyl			Powd. 725 csks, wks	lb	.11 : .12
Arsenic Basis, 500 lb kegs	D	.19 : .20	wks	D	.45	Binoxalate, 300 lb bbls	D	.16 : .17
Kegs, 100 lbs.	D	.21 : .22	Phthalic Anhydride, 100 lb bbls			Import, 112 lb bbls	lb	.18 : .19
Kits, 56, 28, 14 lbs.	D	.22 : .23	wks	D	.18 : .20			

## COAL TAR PRODUCTS

### CRESOLS and CRESYLIC ACIDS

Phenol, U. S. P.  
Ortho Cresol

Cresol, U. S. P.  
Meta Para Cresol

Refined Cresylic Acid No. 5  
Special Cresol Fractions

Tar Acid Oils

Dip Oils

Hydrocarbon Oil  
Flotation Oils  
Naphthalene  
Cumar

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"Barrett Standard"

*Barrett*  
**CHEMICALS**

## Chemicals

## POTASSIUM (Cont.)

Bisulfate, C.P., 5 lb cans .....	.30
100 lb kegs .....	.32
Bromate, 100 lb cs .....	.35
<b>BROMIDE, USP, cryst, 450 lb</b>	
bbls .....	.48
Granular, 300 lb bbls .....	.48
Cases, 100 lb .....	.50
Imported, USP, 220 lb cs .....	.37
Shipment .....	.43½
<b>CARBONATE, 80-85% calc.</b>	
800 lb cks .....	.05%
80-85% hydrated, 800 lb	
cks .....	.05%
90-95% calc. casks .....	.06
96-98% calc. casks .....	.06½
99% calc. casks .....	.07½
USP 100 lb kegs .....	.11
99% C.P. casks .....	.12½
Chlorate, cryst, 112 lb bgs c-l	
wks .....	.08½
Imp, 112 lb NY lb .....	.08½
Powd., 112 lb kegs wks .....	.08½
Imp. kegs NY .....	.08½
Gran. Imp., 112 lb kegs NY lb	
Pyrotechnic, fine powd. NY lb	
USP, fine powder, 110 lb kegs	
NY .....	.14
Crys. .....	.12
Gran. .....	.14
Chloride, crys., bbls .....	.05½
Citrate USP, 50 lb .....	.60
Cyanide 110 lb cases .....	.52
Glycerophosphate, 75% Soln. 25 lb	
tins .....	1.35
10 lb .....	2.25
Guaiacol Sulfonate .....	1.50
See hands .....	1.75
Hypophosphite, 10 lb cases .....	1.35
Iodide, USP, 100 lb cases .....	.80
Lactophosphate 4 oz bot .....	3.75
Metabisulfite, 300 lb bbls .....	.90
Imp., 550 lb bbls .....	.10
..	.11
..	.11

## POTASSIUM (Cont.)

Muriate, 80% 200 lb bags, NY	
K Unit .....	.63
Nitrate, see Saltpetre	
Oxalate, neutral, 225 lb bbls lb	.16
Perchlorate, 112 lb kegs .....	.10½
<b>PERMANGAN, USP, crys 500 lb</b>	
& 100 lb drs., wks .....	.15
Imp. 113 lb drs .....	.14
Prussiate red, 500 lb casks .....	.37
Prussiate, yellow 500 lb casks .....	.18
Salicylate, 25 lb cans .....	.60
Sulfate, 200 lb bags NY K Unit	
USP, VIII 100 lb kegs .....	.15
Sulfocyanide, CP, 25 lb jars lb	.50
Tartrate, neutral 100 lb kegs lb	.51
Titanium Oxalate, 200 lb bbls lb	.30
Pumice Stone, lump, 250 lb bbls lb	.04½
Lump, bags .....	.04
Powdered, 350 lb bbls .....	.02½
Pyridine, 50 gal drums .....	4.30
<b>QUEBRACHO, 35% liquid tks .....</b>	.03
450 lb bbls c-l .....	.03½
35% bleaching, 450 lb bbls lb	
Solid 63%, 100 lb bales c.l.f. lb	
Jan-June .....	.04½
Clarified, 64% bales .....	.04½
Jan-June .....	.05
Quercitron, 51° 450 lb bbls .....	.06½
Solid, 100 lb boxes .....	.10
Quercitron bark, rough .....	14.00
Ground .....	34.00
<b>QUICKSILVER, see Mercury</b>	
Quinidine Alk., 100 oz tins .....	.70
Sulfate, 100 oz. tins .....	.75
Quinidine, see Chinoidin	
<b>QUININE SULFATE, USP</b>	
American 100 oz tins .....	.50
1 oz tins 100 oz lots .....	.57
Dutch, 100 oz tins .....	.50

## QUININE SULFATE, USP

Java, 100 oz. tins .....	.50
Japanese, 100 oz tins .....	.50
Resale .....	.47½
Acetate .....	.88
Arsenate .....	.88
Benzoate .....	.88
Bisulfate, USP .....	.45
Resale .....	.37
Citrate .....	.62
Dihydride, USP .....	.66
Dihydride .....	.66
Dicarbonate 1 oz tins .....	2.50
Ethyl Carbonate, 18 oz tins .....	.70
Ferrocyanide .....	.88
Formate .....	.85
Glycerophosphate .....	.88
Iodide .....	.88
Hydrobromide, USP .....	.62
Hydrochloride, USP .....	.62
Hydrochlorosulfate .....	.66
Hydride & Urea, USP .....	.88
Hypophosphite .....	.88
Lactate .....	.78
Phenylsulfonate .....	.88
Phosphate .....	.74
Salicylate, USP, .....	.63
Tannate, USP .....	.45
Tartrate .....	.88
Valerate .....	.89

Small Sizes: 1 oz vials or cans, 50 oz. lots, 5c on extra; 5 oz. cans, 50 oz. lots, 3c on extra; 25 oz. cans, 50 oz. lots, 2c on extra; single 1 oz. vials or cans, 5c extra. All minor quinine salts sold and quoted basis 100oz lots in 100oz cans. Sulfate and bisulfate sold basis 100 oz lots in 100 oz cans. Smaller orders or containers extra as above schedule

# Quinine

Bi-sulphate  
Sulphate

A beautiful white, fluffy product manufactured in  
"Roche" laboratories.

Available in bulk or in standard subdivisions very  
attractively packaged.

**The Hoffmann-La Roche Chemical Works**  
19-21 CLIFF STREET  
New York City

## Chemicals

Quinone, 100 lb kegs ..... lb	1.75	: 2.35	SALTPETRE, Double Refined			SODA ASH (Cont.)		
R SALT, 250 bbls, wks ..... lb	.45	: .47	Granular, 400-500 lb bbls			e-l wks ..... 100 lb	...	1.45
Red Lead, see lead oxide			e-l wks ..... lb	.06%	: .06%	Pmpt. and spot, Basis 58% bags	...	1.50
Red Precipitate, see mercury			Less e-l wks, bbls ..... lb	.06%	: .06%	e-l wks ..... 100 lb	...	1.50
Rosin, N.F., 5 lbs (1:25,000) lb	2.95	: 3.50	Large Crystals, 350-400 lb bbls			SODA, CAUSTIC, 76% solid	...	3.91
Resorcinol, see resorcinol			e-l wks ..... lb	.07%	: .07%	1-4 drums del'd, NY 100 lb	...	3.76
Resorcinol, tech., 100 lb kegs lb	1.30	: 1.35	Triple refined, Granular, 350 lb			5 & Up drums del'd NY 100 lb	...	4.31
USP, 25 lb cans ..... lb	2.25	: 2.35	bbls 1-e-l ..... lb	.06%	: .06%	Ground & Flake 76%	...	4.16
Rochelle Salt, USP, 225 lb bbls lb	.20	: .20 1/2	Powdered, bbls e-l wks ..... lb	.06%	: .06%	1-4 drums del'd NY 100 lb	...	4.56
Imp, USP, 300 lb bbls ..... lb	.19	: .19 1/2	Imported, 500 lb bbls, NY ..... lb	.06%	: .06%	5 & Up drs del'd NY 100 lb	...	4.41
Roeewater, triple 5 gal demis lb	.85	: .90	Santonin, USP, bulk ..... lb	141.00	: 145.00	1-4 bbls del'd ..... 100 lb	...	4.41
Rosins, (Solid in 600 lb bbls gross for net)			Powd. bulk ..... lb	142.00	: 147.00	Contract basis 76% e-l wks	...	3.10
B ..... 280 lb	...	13.40	Saponin, refined, 5 lb tins ..... lb	1.25	: 1.50	Pmpt. and spot Basis 76%	...	3.20
D ..... 280 lb	...	14.00	Crude ..... lb	1.00	: 1.25	e-l wks ..... 100 lb	...	3.02
E ..... 280 lb	...	14.00	Satin White, 500 lb bbls ..... lb	...	.01%	Contract 74% low grade e-l wks	...	3.02
F ..... 280 lb	...	14.05	Scopolamine, see hyoscine			flat ..... 100 lb	...	3.60
G ..... 280 lb	...	14.15	Seldilts Mixture, 225 lb bbls ..... lb	.16%	: .16%	Ground & flake, 76% pmpt., and	...	3.50
H ..... 280 lb	...	14.25	SILICA			spot, wks, e-l drs 100 lb	...	3.50
I ..... 280 lb	...	14.50	Crude, bulk, mines ..... ton	6.00	: 7.00	Contract 76% drums e-l wks	...	3.50
K ..... 280 lb	...	15.50	Refined, floated, bags ..... ton	15.00	: 30.00	flat ..... 100 lb	...	3.50
M ..... 280 lb	...	15.60	Air floated, bags ..... ton	32.00	: 50.00	USP, stick, 19 lb cans ..... lb	...	.19
N ..... 280 lb	...	16.30	Extra, floated, bags ..... ton	55.00	: 65.00	Pure, stick, by alcohol ..... lb	...	.25
WG ..... 280 lb	...	16.50	Colloidal, 1 doz bot ..... oz	...	2.80	Soda Sal. see Sodium Carbonate	...	.27
WW ..... 280 lb	...	16.70	SILVER metal American oz ..... oz	...	.68%	SODIUM ACETATE, crys 450 lb bbls	...	.04%
(Sold in 600 lb bbls net, quotations based			Iodide, 16 oz bot ..... oz	...	.69	wks ..... lb	...	.08
on a unit of 280 lb)			Nitrate 16 oz bot ..... oz	...	.45%	Aluminate 500 lb bbls wks lb	...	.07%
Roan Oil first run 50 gal bbls gal	...	.73%	Nucleinate 1 oz bot ..... oz	...	.41	Aluminum Sulfate, see alum soda	...	.60
Second run bbls ..... gal	...	.78%	Bulk ..... oz	...	.34	Arsefite, 4 lb mtl. wks drn gal	...	1.00
Bottom Stone lump imp bbls ..... lb	.07	: .08	Protein, 1 oz bot ..... oz	...	.36	Drums, 8 lb material, wks gal	...	.50
Lump selected, bbls ..... lb	.09	: .12	Bulk ..... oz	...	.39	Benzonate, USP, 100 lb bbls lb	...	.55
Powdered, bbls ..... lb	.02	: .05	Soap, Castile, 40 lb bbs ..... lb	.20	: .35	Bicarbonate, 400 lb bbls NY 100 lb	...	2.41
Domestic, bags, mines ..... 24.00	: 30.00		Powd. USP, 250 lb bbls ..... lb	.28	: .50	bbls e-l wks ..... 100 lb	...	2.00
SACCHARIN, USP, 10 lb cans, 25 lb lb	1.75	: 1.85	Green, USP, 450 lb bbls ..... lb	.07%	: .08%	112 lb kegs NY ..... 100 lb	...	2.25
Soluble, USP, 10 lb cans, 25 lb lb	1.75	: 1.85	Soapstone, see Talc. crude			1-4 bbls del'd NY ..... 100 lb	...	2.44
Sago, Flour 150 lb bags ..... lb	.04%	: .05	SODA ASH, 58% light			5 & Up bbls del'd NY 100 lb	...	2.29
Sal Ammoniac, see Ammon. Chloride			1-4 bags delivered NY ..... 100 lb	...	2.19	Contract, Basis 58% dense bags	...	1.33
Sal Soda, see Sodium Carbonate			5 & Up bgs., del'd NY 100 lb	...	2.04	wks ..... 100 lb	...	1.43
Sallein, USP, 1 lb cartons, 25 lb lb	4.75	: 5.00	1-4 bbls del'd NY ..... 100 lb	...	2.44	Prompt and spot, Basis 58% bgs	...	1.43
Salol, USP, 100 lb drums ..... lb	.80	: .90	5 & Up bbls del'd NY 100 lb	...	2.29	e-l wks ..... 100 lb	...	1.43
Salt, Common, see sodium chloride			Contract, Basis 58% dense bags	...	1.33			
Salt Cake 94-96% e-l wks ..... ton	19.00	: 20.00	wks ..... 100 lb	...	1.33			
White 87% wks ..... ton	14.00	: 15.00						

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Alcohol Division

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## Chemicals

## SODIUM (Cont.)

BROMIDE, USP, 450 lb bbls	.48	.49
Cases, 50 lb	.48	.49
Imp. USP., 220 lb cases	.42½	.43
Bromate, 100 lb cs		1.15
Cacodylate, USP, 25 lb		
50 lb bot	5.90	6.10
Carbonate Sal Soda 350 lb bbls		
le-l NY	1.30	1.35
Works c-l	1.10	1.30
Monohydrate, 400 lb bbl		
le-l NY		2.40
Pure photographic 100 lb		
keg	.06	.08
Chlorate, 112 lb kegs wks	.05½	.06
Imported, 112 lb kegs	.06½	.06½
Chloride, tech	12.00	13.00
C. P. 300 lb bbls	.05	.06
Chromate 800 lb bbl		.08
Citrate, USP, X 50 lb bbls		
kegs	.45	.47
USP, VIII, 50 lb bbls kegs	.38	.40
Cyanide 98-98% 100 & 250 lb drums		.20
wks		.19
c-l wks		.19
Imp. 95-97% 100 lb drums		.18
c-l		.18
Fluoride, 300 lb bbls, wks	.09	.09½
Imp. 700 lb cks	.08½	.09
Glycerophosphate USP, cryst. 25 lb cans	1.40	1.55
Powder, 25 lb tins	1.45	1.60
Solution, USP, 25 lb tins	1.05	1.20
Hydroxide, see Soda Caustic		
Hypochlorite Soln., 100 lb cys		.05
14½ soln., 50 lb chys.		.04
Hydroxide, 200 lb bbls forwks	.22	.24
For Stripping, 50 lb cans	.20	.25
Hyphosphite, USP, 25 lb cans	.70	.75

## SODIUM (Cont.)

HYPOSULFITE, tech., pes crys.		
875 lb bbls, wks 100 lb	2.65	3.05
Bbls., c-l wks		2.50
100 lb kegs, wks	2.80	2.90
Imp	2.75	3.00
Regular crys., bbls. wks 100 lb	2.40	2.65
Bbls., c-l wks	2.40	2.50
Kegs, wks	2.35	2.45
Imp	2.35	2.45
Iodide, USP, 25 lb jars	4.25	4.50
Metanilate, 150 lb bbls	.70	.75
Molybdate 100 lb kegs		1.10
Naphthionate, 300 lb bbls	.55	.57
Nitrate crude, 95% 200 lb bgs		
c-l NY		2.60
Feb. Shipment NY 100 lb		2.71
Double Refined 400 lb bbls		
gran. c-l wks		.03½
Nitrite, 500 lb bbls pot makers		.09
Imp., 650 lb casks	.08½	.08½
Ortho-Chloro-Toluene Sulfonate		
175 lb bbls, wks	.25	.27
Oxalate, neutral, 100 lb kegs	.20	.23
Perborate, 275 lb bbls	.21	.22
Imp. 225 lb drs	.21	.22
Peroxide, 200 lb cases		.27
Phosphate, di-sodium, tech., 550 lb bbls	3.55	3.90
USP, gran., 275 lb bbls	.07	.07½
Imp. gran.	.04½	.05½
USP. Crystal, 275 lb bbls	.07½	.08
Monosodium, 100 lb kegs	.30	.31
Tri-sodium tech c-l bbls 100 lb		3.90
Picramate, 100 lb kegs		.60
Para-Toluene Sulfonate 175 lb bbls	.08	.09
PRUSSIAN, yellow, 350 lb bbls		
wks	.10	.10½
Imp 50 lb cks	.10	.10½
Pyrophosphate, 100 lb kegs	.24	.26
Salicylate, 100 lb kegs		.40
Second hands, USP, kegs	.39	.40

## SODIUM (Cont.)

Silicate, 40° turbid, tanks		
wks.	100 lb	.75
55 gal. drums, wks 100 lb		.95
40° clear, tanks, wks 100 lb		1.10
55 gal. drs. wks 100 lb		1.20
42° turbid tks., wks 100 lb		.80
55 gal. drs wks 100 lb		.90
42° clear, tanks, wks 100 lb		1.25
55 gal. lrs., wks 100 lb	1.35	1.75
Silicofluoride, 450 lb bbls NY		.05
Stannate, 100 drums	.42½	.45½
Sulphate, see Glauber's Salt		
Sulfate, Anhydrous, 550 lb bbls		
c-l wks	.03½	.03½
Imp., 250 lb bbls	.02	.02½
Sulfide, 60% solid, 650 lb drs.,		
le-l wks		.04½
Drs., c-l wks		.04
Imp., 700 lb drs NY		.03½
80% broken, 650 lb drs. wks.		.04½
Drs. c-l wks		.04
30% crys., 440 lb bbls. wks	.02½	.02½
Imp., 400 lb bbls		.02½
Sulfite, cryst., 400 lb bbls wks	.03½	.03½
Anhydrous, 400 lb bbls	.09½	.10
Sulfocarbolate, USP, 100 lb kegs	.32	.34
Sulfocyanide, 400 lb bbls	.40	.45
Tungstate, cryst., 100 lb kegs	.80	.82½
SOLVENT NAPHTHA, 110 gal. drs. wks	.40	nom.
8,000 gal tkn ers wks gal	.35	nom.
Sparietin Sulfate, USP, 250 lb blk oz		.60
Single oz. vial		.77
Spruce, 25% liquid tanks, wks	.01	.01½
bbls		.01½
Powd., 50% 100 lb bags wks	.02	.02½
Starch, rice, 140 lb bags	.09	.10



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All Tests

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Acetic—Nitric—Mixed.

Lactic: Technical and Edible

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mercial and Iron Free.Ammonia and Potash Alums,  
U. S. P.Barium Chloride  
Salt Cake—Strontium Nitrate  
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# Chemicals

<b>STARCH</b> , powd., 140 lb bgs c-1100 lb	3.22	<b>SULFUR</b>		<b>Tartar</b> Emetic tech., 700 lb bbls lb	29
Bags 1c-1, 100 lb	3.32	Less c-1 bags NY 100 lb	2.05	USP, 300 lb bbls	34
Pearl, 140 lb bags, 100 lb	3.22	Roll, 500 lb bbls c-1 NY 100 lb	2.30	Tenilac 41, 100 lb drums	65
Pags 1c-1, 100 lb	3.22	Less c-1 bags NY 100 lb	2.35	Tenilac 69, 100 lb drums	480
Potato domestic, 200 lb bgs c-1 lb	.05 1/4	Flour, Heavy bags 100 lb	2.70	Terpin Hydrate, USP, 100 lb kgs lb	47
Imported bags duty paid lb	.05 1/4	Light 100% bags 100 lb	2.80	Terpineol, C. P. 1000 lb drums lb	38
Wheat, dom., thick bgs lb	.06 1/2	Rubbermakers 100% 240 lb	3.05	Cans, 50 lb	42
Thin, bgs lb	.09 1/4	bbls, NY 100 lb	3.05	Imported, cans 25 lb	43
Sol. Potato lb	.07	Commercial, 99% c-1 150 lb bgs		Terpinyl Acetate, 25 lb cans lb	1.65
<b>STRONTIUM</b> Bromide, USP, 50 lb		NY 100 lb	1.40	Terra Alba, No 1, 300 lb bbls 100 lb	1.85
kegs 50 lb	.51	For Dusting, c-1 99% 100 lb		Tetralene, 50 gal drs. wks lb	1.20
Carb. N.F. 600 lb bbls wks lb	.30	bgs NY 100 lb	2.05	Theobromine Alk., 5 lb cans lb	3.75
100 lb kegs, wks lb	.08	Flowers, 100% 155 lb bbls		Sod., Salicylate, 1 lb bot lb	2.92
Iodide, USP, 25 lb jars lb	4.00	NY 100 lb	3.35	Thiocarbamid, 170 lb bbls lb	.24
Nitrate, 600 lb bbls NY lb	.08	Precipitated, 125 lb bbls NY lb	.15	Thymol, USP, 25 lb tins lb	3.80
Imported, bbls NY lb	.08 1/2	Lac., 125 lb bbls NY lb	.10	Iodide kegs lb	6.75
Salicylate, USP, 100 lb kegs lb	.75	<b>Sulfur</b> Chloride, red, 700 lb drs.		TIN, metal, Straits, NY lb	6.75
<b>STRYCHNINE</b> Alkaloid, USP, crys.		wks lb	.05	99% American NY lb	.62
100 oz. tins lb	.61	150 lb chgs wks lb	.05 1/2	Bichloride, 50% soln. 100 lb	
Japanese cans lb	.75	Yellow, 700 lb drs wks lb	.03 1/4	bbls wks lb	.17
Alk., powd., USP, lb	.61	Sulfur Dioxide, 100 lb cyl lb	.08	Crystals, 500 lb bbls wks lb	.41 1/4
Acetate lb	.55	Iodide, USP, VIII, 5 lb bot lb	4.55	100 lb kegs wks lb	.42
Glycerophosphate, USP lb	.55	<b>Sulfuryl</b> Chloride, 600 lb drs lb	.65	Iodide 5 lb boxes lb	.07 1/4
Hydrobromide lb	.55	Sumac, extract, liquid 450 lb bbls lb	.05	Oxide 300 lb bbls wks lb	.66
Hydrochloride lb	.55	C. F. 450 lb bbls lb	.10 1/4	100 lb kegs wks lb	.68
Hypophosphate lb	.65	Stainless, 600 lb bbls lb	.11	Recovered bbls lb	.58
Nitrate, USP, lb	.55	Sumac, Sicily leaves 100 lb bagston	130.00	Tetrachloride, 100 lb drs wks lb	.34 1/4
Phosphate lb	.55	Ground Shipment ton	95.00	Titanium Oxide bbls, wks lb	.13
Sulfate, USP, crys. powd. lb	.42	Virginia, 150 lb bags lb	55.00	Tolidine, 350 lb bbls lb	.90
Saccharinate lb	1.15	<b>TALC</b> , Italian 220 lb bags NY ton	40.00	Sulfate, 350 lb bbls lb	.80
<b>Strychnine</b> preparations quoted bases		Refined, white bags lb	50.00	Toluene, 8000 gal tank cars wks gal	.35
100 oz lots in 100 oz tins. Small sizes		French, 220 lb bgs NY ton	30.00	110 gal drs wks lb	nom.
1/4 oz vials, 50c extra; 3/4 oz vials, 25c		Dom., crude, 100 lb bags NY ton	38.00	Nitration, Tank cars, wks gal	.37
extra; single ounce vials, 7c extra. Lots		Refined 100 lb bags NY lb	16.00	Drums wks gal	.42
of 25 ozs. 5c higher than above schedule.		Tankage, ground NY unit	4.35	Non-corrosive, Tank cars, wks gal	.36
Lots of less than 25 ozs. 10c higher per		High grade f.o.b. Chicago unit	3.25	Drums, wks gal	.41
ounce.		So. Am. c.l.f. unit	4.10	Tolidine, Mixed, 900 lb drs, wks lb	.31
<b>Sugar</b> Coloring (See Caramel)		Taploca Flour, high grade bgs lb	.05	Toner Lithol Red bbls lb	.85
Sugar Milk, USP, 200 lb bbls lb	.20	Medium grade, bags lb	.04	Para Red bbls lb	.75
Second Hands, USP, bbls lb	.18	Low grade, bags lb	.03 1/4	Tolidine lb	1.75
<b>Sulfonal</b> , see Sulfonmethane		Tar Coke Oven, Tks., wks gal	.07	Triacetin, 50 gal drs wks lb	3.60
Sulfonethymethane, USP, 10 bxs lb	3.85	Water Gas, Tks., wks gal	.08	Tribromophenol, 100 lb cases lb	1.10
Sulfonmethane, USP, 10 lb bxs lb	2.65	Retort lb	15.50	Trional, see Sulfonethymethane	
Crude, f.o.b. mines ton	17.00	Tar, Kiln-burnt bbl	15.50	Triphenylamine lb	.69
Brimstone, 250 lb bags c-1 100 lb	1.95			Triphenyl Phosphate, 450 lb bbls lb	.75

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### HEXALIN

[Hexa Hydro Phenol]

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## Chemicals

Tripoli, 500lb bbls	100lb	2.50	: 3.00
Tungsten, NY	W0 unit	12.00	: 13.00
Turkey Red Oil, bbls single	Db	.11	: .12
double	Db	.14	: .16
Turpentine Spirits bbls	gal	.06½	: 1.01
Wood steam Dist., bbls	gal	1.01	: 1.05
Ultramarine Blue	Db	.15	: .25
UREA, pure 112lb cases	Db	.18	: .20
Valonia Cups, 30-31% tan	ton	...	: 34.00
Beard 42% tan, bags	ton	55.00	...
Mixture, 36% tan bags	ton	...	: 39.00
VANILLIN, USP, 500 oz cans	oz	...	: .49
Cans, 80 oz	oz	...	: .50
Cans, 18 oz	oz	...	: .51
Second Hands	oz	.47	: .49
Venetian Red	Db	...	: .60
Vermilion, Amer., 100lb kegs	Db	.35	: .40
English, kegs	Db	1.40	: 1.45
Veratrine Sulfate, 1 oz vial	oz	...	: 1.85
Hydrochloride, 1 oz vial	oz	...	: 1.35
Veronal, see Acid Diethylbarbituric			
Vulcone, 250lb bbls. wks	Db	.74	: .77
Wattle Bark, bags	ton	40.75	: 41.00
Extract 55% dbie bgs ex-dock	Db	...	: .05¼
<b>WHITE LEAD, see lead, white</b>			
White Precipitate, see mercury			
Whiting, 200lb bags c-1 wks 100lb	...	1.25	...
Alba bags NY c-1	ton	...	: 13.00
Gliders, bags NY c-1	100lb	...	: 1.35
French, bags NY c-1	ton	14.50	: 19.00
English, bags NY c-1	ton	21.00	: 22.00
Paris white bags c-1	100lb	1.00	: 1.
Witch Hazel Extract, 50 gal bbls gal	...	1.05	: 1.10
<b>XYLENE, 3° dist range nitration</b>			
110 gal drs NY	gal	.70	: nom.
5° dist. range, 8000 gal tanks			
wks	gal	.60	: nom.
110 gal drs wks	gal	.60	: nom.
10° dist range drums, wks gal	...	.55	: nom.
Tanks wks	gal	.50	: nom.
Com'l 110 gal drs wks gal	...	.41	: nom.
Tanks wks	gal	.36	: nom.
Xylidine crude	Db	...	: .35
Refined	Db	.38	: .40

YARA YARA, 1lb tins	Db	1.05	: 1.30
Yohimbin Hydrilide, 1 oz vial	os	3.15	: 4.00
Rosale	os	2.75	: 3.00
Yolk Oil bbls	Db	...	: .35
<b>ZINC METAL, high grade, slabs</b>			
c-1 NY	100lb	8.10	: 8.20
Ammonium Chloride, powd., 400lb	Db	...	: .06¼
bbls	Db	...	: .10
Carb., tech bbls NY	Db	.09½	: .10
USP, 100lb kegs	Db	...	: .20
Chloride, fused, 600lb drs wks	Db	...	: .08
Drs. c-1 wks	Db	...	: .05¾
Granulated, 500lb bbls wks	Db	.06¼	: .06½
Imported dr NY	Db	.06	: .06½
Solution, 50% tanks wks 100lb	...	3.00	...
USP, 25lb jars cont. ex	Db	.27	: .29
Cyanide, 100lb drs	Db	.40	: .41
Dust, 100lb tins wks	Db	...	: .10
500lb bbls kegs c-1 wks	Db	...	: .09
500lb bbls kegs c-1 wks	Db	...	: .09½
Iodide, 5lb bots	Db	5.22	...
Nitrate, 25lb jars	Db	...	: .45
Oxide, Amer., Bags wks	Db	.07¾	: .07¾
Amer 300lb bbls wks	Db	.07½	: .07½
French, 300lb bbls wks	Db	.10¾	: .12¾
Bbl. c-1 wks	Db	.10¾	: .12¾
Bags c-1 wks	Db	.10¾	: .12¾
USP, 100lb bbls c-1	Db	...	: .14
10-25 bbl lots	Db	...	: .15
5 bbl lots	Db	...	: .16
1 bbl lots	Db	...	: .17
Imported, white seal, bbls	Db	.12	: .13¼
Green seal, bbls	Db	.11½	: .12
Red seal, bbls	Db	.10¾	: .11
Stearate, USP, 50lb bbls	Db	.21½	: .24
Second hands	Db	.20	: .21
Sulfate, 400lb bbls wks	Db	.03¼	: .03½
Bbls c-1 wks	Db	...	: .03
USP 100lb bbls	Db	.08	: .09
Sulfide, 500lb bbls	Db	.30	: .32
Sulfocarbonate, 100lb kegs	Db	.30	: .32
Zincum, oxide, pure	Db	.45	: .50
Semi-refined, bags	Db	.08	: .10
Natural, bags	Db	.02½	: .03

## Oils - Fats

Castor, No. 1, 400lb bbls	Db	.14	: .14½
80lb cases	Db	.15	: .15½
No. 3	Db	.13½	: .14
Blown, 400lb bbls	Db	...	: .18
China Wood, spot NY	Db	.12¾	: .13
Tanks, Spot, NY	Db	.11½	: nom.
Coast tanks	Db	...	: .11¼
Coconut Ceylon, 375 bbls NY	Db	.11	: .11¼
8,000 gal tanks NY	Db	.10¾	: .10¾
Cochin, 375 lb bbls NY	Db	.11½	: .12
Tanks NY	Db	...	: .10¾
Manila bbls NY	Db	.10¾	: .11
Tanks, Pacific Coast	Db	...	: .09¾
Edible bbls NY	Db	.13¾	: .14
Cod Newfoundland, 50gal bbls gal	...	.68	: .70
Tanks, NY	gal	.60	: .63
<b>Cod Liver, see Cod Liver Oil under Chemicals</b>			
Copra, bags	Db	.06	: .06¼
Corn, ref., 375lb bbls NY	Db	.13	: .13¾
Tanks	Db	.12	: .12½
Crude tanks mills	Db	...	: .09¾
Bbls NY	Db	.12	: .12½
Feb-Sept	Db	.11	: .11½
Cottonseed Crude, tks., mill	Db	...	: .10¾
PSY, 100 bbls NY spot	Db	...	: .11½
White 100 bbls lots NY	Db	...	: .13¾
Winter yellow, 100 bbls NY	Db	.13	: .13¾
Degras, Amer, 50 gal bbls NY	Db	.04¼	: .04½
English, light bbls NY	Db	.05¼	: .05½
Brown, bbls NY	Db	.04¼	: .04½
Light brown, bbls NY	Db	.04¼	: .04½
Dark, bbls, NY	Db	.03¾	: .04
Neutral, bbls NY	Db	.07¾	: .12
Moellon, bbls, NY	gal	...	: .50
Greases choice white bbls NY	Db	.11	: .11¼
Yellow	Db	...	: .09
House	Db	...	: .08½
Brown	Db	...	: .08¾

# B E E S W A X

Ceresin, All Grades and Colors  
Refined Yellow Beeswax

Pure Crude Beeswax  
Spermaceti-Bayberry

Snow Flake White Bleached Beeswax  
Carnauba, Natural, Bleached and Powdered  
Stearic Acid, Highly Refined and Crystallized

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## Oils - Fats

Herring, Tanks, Coast	gal	.40	nom.
Horse, 375 lb bbls NY	lb	.10	nom.
Lard, prime steam, bbls	lb	.17%	.17%
Compound, bbls	lb	.14%	.14%
LARD OIL, edible prime	lb	.17%	.17%
Jff prime bbls	lb	.15	.15
Extra bbls	lb	.14%	.14%
Extra, No. 1 bbls	lb	.13%	.13%
No. 1, bbls	lb	.13%	.13%
No. 2, bbls	lb	.13	.13
LINSEED, raw c-1 bbls spot	lb	.113	.113
Five bbls raw	lb	.117	.117
Tanks, raw	lb	.105	.105
Boiled, 5 bbl lots wks	lb	.12	.12
Double boiled 5 bbl	lb	.122	.122
Feb-April c-1 wks	lb	.113	.113
May-Aug c-1 wks	lb	.113	.113
Imported bbls, NY	gal	.	.
Tanks, NY	gal	.	.
Menhaden, crude tanks, Balt	gal	.55	nom.
Light pressed, bbls NY	gal	.72	.74
Yellow, bleached bbls NY	gal	.75	.77
Extra bleached bbls NY	gal	.77	.79
Blown, bbls, NY	lb	.10%	.10%
Nestsfoot 20° c. t. bbls NY	lb	.22%	.22%
Pure bbls NY	lb	.17%	.17%
Extra bbls NY	lb	.13%	.13%
No. 1, bbls NY	lb	.13%	.13%
C. P. bbls NY	lb	.22%	.22%
Oleo Oils No. 1 bbls NY	lb	.12%	.12%
No. 2, bbls NY	lb	.11	.11
No. 3, bbls NY	lb	.11%	.11%
OLIVE denatured bbls, NY	gal	1.20	1.25
Edible, bbls NY	gal	.	1.85
Feets NY	lb	.08%	.08%
Shipment	lb	.08%	.09
Palm Lagos, 1500 lb casks	lb	.08%	.09
Niger casks	lb	.07%	.08%
Wony old Calabar, casks	lb	.	nom.
Palm Kernel bbl NY	lb	.10%	.10%
Casks	lb	.	.09%

Peanut refined bbls NY	lb	.15	nom.
Crude, mills buyers' tks	lb	.	.10
Crude, bbls, NY	lb	.	.11
Perilla, bbls NY	lb	.	.15%
Poppseed, bbls NY	gal	1.85	2.00
Rapeseed, bbls NY Japanese	gal	.	.91
English	gal	.	.94
Blown bbls NY	gal	1.14	1.15
Red Oil, distilled bbls	lb	.10%	.11%
Tanks	lb	.	.10
Saponified, bbls	lb	.11%	.11%
Tanks	lb	.	.10%
Salmon, 8000 gal. tks. Coast	gal	.50	nom.
Sardine, Tanks, Pacific Coast	gal	.	.57
Sesame, edible, yellow bbls	lb	.13%	.14
White	lb	.14%	.15
Sod Oil, bbls, NY	gal	.40	.40
SOYA BEAN, crude tks. Pacific Cst	lb	.	.10%
Crude, tks NY	lb	.	.11%
Crude, bbls NY	lb	.	.13
Refined, bbls NY	lb	.	.13%
Sperm., 38° c.t. bleached bbls NY	gal	.85	.86
45° cold test, bleached bbls NY	gal	.82	.84
STEARIC ACID,			
Double pressed, bags distilled	lb	.15%	.15%
Double pressed, bags saponified	lb	.15%	.15%
Triple pressed, bags, distilled	lb	.17%	.18
Triple pressed, bags, saponified	lb	.17%	.18
Stearine oleo, bbls	lb	.11	.11%
Tallow edible, tierces	lb	.10%	.11
City Extra loose	lb	.	.09%
Tallow oil, acidless tks, NY	lb	.	.11%
Bbls c-1 NY	lb	.	.12%
Walnut, crude bbls NY	lb	.	.
Whale, nat winter bbls, NY	gal	.76	.78
Blehd winter bbls, NY	gal	.78	.80
Extra Bich, bbls, NY	gal	.80	.82
Crude No 1, tanks coast	gal	.	.
Crude No. 2, tanks coast	gal	.	.
Crude No. 3 tanks coast	gal	.	.

## Crude Drugs

Accrodes Gum, red, see Yacca			
ACONITE LEAVES, bales	lb	.09	.10
Root, USP, bags	lb	.24	.25
Agar Agar, 1, 200 lb bbls	lb	1.20	1.30
No. 2, bales	lb	1.30	nom.
No. 3, bales	lb	.75	.80
Agaric white, cases	lb	.90	.95
Granulated, boxes	lb	1.25	1.50
Almonds, bitter, boxes	lb	.55	.60
Sweet, boxes	lb	.65	.70
Meal, barrels, boxes	lb	.24	.26
Aletris Root, bags	lb	.40	.42
Alkanet Root, bag	lb	.08%	.10
Aloe, Barbadoes, 120 lb bbls	lb	.	1.25
Cape, 400 lb cases	lb	.11	.15
Curacao, 100 lb cases	lb	.12	.16
Socotrine whole, 300 lb cs	lb	.	.33
Althea Root Cut cs	lb	.45	.48
Grd. & Pwd. bgs	lb	.50	.55
Ambergris, black boxes	oz	18.00	20.00
Grey, boxes	oz	30.00	35.00
Ammoniac, tears, bags	lb	.75	.80
Angelica Root, four bags	lb	.16	.17
Angustura Bark, bags	lb	.15	.20
Anise, Levant, bags	lb	.14%	.15
Russian bags	lb	.	.13%
Star Case	lb	.16	.17
Spanish bags	lb	.13%	.14%
Amatto Seed, 200 lb bags	lb	.15	.18
ARABIC GUM,			
White, No. 1, 200 lb bags	lb	.24	.25
Secunda, 250 lb bags	lb	.22	.23
Sorts, Amber 200 bags bbl	lb	.13	.13%
Powd., USP, 300 lb bbls	lb	.19	.22
Areca Nuts 150 lb bags	lb	.19	.20
Powd., 200 lb bbls	lb	.23	.25
Arnica Flowers, bales	lb	.13	.15
Root, bags	lb	.	nom

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## Crude Drugs

Arrowroot, Amer. Powd. bbls. . . . .	.10	: .10%	Burdock Root, bags . . . . .	.09	: .10	Cassia Batavia, No. 3 bales . . . . .	.09%	: .10
Bermuda, bbls. . . . .	.13	: .14	Seed bags . . . . .	.06	: .60	China, Select rolls cases . . . . .	.08%	: .08%
St. Vincent Powd. bbls. . . . .	.27	: .30	Burgundy Pitch dom 110 stands . . . . .	.08	: .08%	Broken, bales . . . . .	.08%	: .08%
Amefetida, USP, 250lb cases . . . . .	.45	: .50	Gross for net . . . . .	.11	: .12	Saigon, Cut thin . . . . .	.27%	: .28
Powd., 50lb bxs . . . . .	.40	: .42	Imported . . . . .	.85	: .70	Buds, cases . . . . .	.23%	: .24
GALM GILEAD BUDS, bags . . . . .	.15	: .15	Calabar Beans bags . . . . .	.45	: .50	Cassia Flatula, baskets . . . . .	.07	: .09
Balmory Herbs, bales . . . . .	.37	: .39	Calamus Root, bleached, cases . . . . .	.06%	: .07	Castile Soap, USP, powd., 200lb . . . . .	.20	: .22
baLSAMS	.42	: .42	Unbleached bags . . . . .	.85	: .90	Powd., USP, 200lb bbls . . . . .	.30	: .33
Copaiba, Para 80lb cs . . . . .	.95	: 1.20	Calisaya Bark, bales powd . . . . .	.07%	: .08	Castor Beans, bags . . . . .	.03	: .03%
South American 80lb cs . . . . .	1.80	: 1.85	Camphor, see Chemicals	.06%	: .06%	Castro Herb, bales . . . . .	.23	: .26
Fir Canada, cases . . . . .	1.20	: 1.25	Canary Seed, Morocco, bags . . . . .	.08%	: .08%	Catechu Gum bags . . . . .	.11	: .12
Oregon bbls cases . . . . .	.13	: .15	Spanish bags . . . . .	.05%	: .06%	Celery Seed bales . . . . .	.22%	: .23
Peru, 120lb cases . . . . .	.13	: .15	South American, bags . . . . .	.36	: .38	Ceresin Wax, white bags . . . . .	.12	: .30
Tolu, 120lb cases . . . . .	.24	: .25	Dutch bags . . . . .	.42	: .45	Yellow, 200lb bags . . . . .	.10	: .12
Bamboo Brer Root, bags . . . . .	.10	: .10%	Candellila Wax, bags . . . . .	.22	: .25	Imp., 100lb bags . . . . .	.28	: .38
Barberry Bark, tree bales . . . . .	.21	: .22	Canella, Alba Bark, bales . . . . .	.35	: .40	CHAMOMILE FLOWERS, Roman . . . . .	.20	: .25
Root, bags . . . . .	.24	: .25	Cannabis, true Imp., bags . . . . .	.78	: .80	cases bales . . . . .	.19	: .22
Bayberry Bark, bales . . . . .	.16	: .18	American (no assay) bales . . . . .	1.00	: 1.15	Hung. cases bales . . . . .	.06	: .06%
Wax bbls . . . . .	.60	: .61	USP . . . . .	.60	: .65	Charcoal, Willow powd bbls . . . . .	.04	: .05
Belladonna Leaves, bales . . . . .	.42	: .48	Cantharides, Chinese cases . . . . .	.75	: .80	Wood powd. bbls . . . . .	.07	: .08
Root bags . . . . .	1.10	: 1.45	Russian, cases . . . . .	2.50	: 2.75	Chestnut Bark, bags . . . . .	.06	: .06%
Bees Wax, white cases . . . . .	.27	: .28	Powdered boxes . . . . .	2.00	: 2.20	Herb, bales . . . . .	.75	: .80
Yellow, refined cases . . . . .	.11%	: .12	Caraway Seed, African, bags . . . . .	1.30	: 1.35	Chicle Gum, 100 bbs . . . . .	.07	: .10
Crude bags . . . . .	.22	: .25	Dutch, 11lb bags . . . . .	.50	: nom.	Chiretta bales . . . . .	.75	: .80
Benzoin Gum, Siam, boxes . . . . .	.15	: .16%	Cardamom, bleached cases . . . . .	.47	: .48	Cinchona Bark, red quill bales . . . . .	.65	: .70
Sumatra 80lb boxes . . . . .	.13	: .14	Decorated cases . . . . .	.43	: .44	20 inch . . . . .	.25	: .29
Berberis Aquifolium Root, bags . . . . .	.25	: .27	Green, grinding bags . . . . .	.36	: .38	Broken cases red . . . . .	.24	: .25
Ruth Root, bags . . . . .	.08	: .08%	Carnauba Wax, Flor., bags . . . . .	.10%	: .11	Yellow . . . . .	.50	: .51
Rutter Root, 100lb bags . . . . .	.17	: .19	Powd. . . . .	.70	: .72	No. 2, bales . . . . .	.48	: .49
Blackhaw Bark, root bales . . . . .	.51	: .56	No. 1, Yellow bags . . . . .	.18	: .20	No. 3, bales . . . . .	.47	: .48
Tree, bales . . . . .	.60	: .65	No. 2, regular bags . . . . .	.15	: .18	Net Absorbent horns . . . . .	2.35	: 3.50
Black Indian Root, 100lb bags . . . . .	.11	: .12	No. 2, N Country bags . . . . .	.14	: .15	Clover Tops bags . . . . .	.16	: .17
Blood Root, bags . . . . .	.11	: .13	No. 3, N Country bags . . . . .	1.20	: 1.25	Cloves, Zanzibar 145lb bales . . . . .	.25%	: .26
Blueflag Root, bags . . . . .	.06	: .07	Cassia Batavia, No. 1, bales . . . . .	.09%	: .10	Ambonyas, bales . . . . .	.40	: .42
Soldo Leaves, bales . . . . .	.60	: .65	So-called bales . . . . .	.33	: .35	Penang, bales . . . . .	.65	: .67
Bonsett Herb, bales . . . . .	.11	: .12	Cascara Sagrada, bales . . . . .	.18	: .20	Cochineal, Black . . . . .	.69	: .70
Borage Flowers, bales . . . . .	.11	: .13	1923 bark . . . . .	.15	: .18	Silver . . . . .	.07%	: .08%
Bromia Root, bags . . . . .	.06	: .07	1924 bark . . . . .	.14	: .15	Blue, bags . . . . .	.08%	: .10
BUCHU LEAVES, short, 250lb . . . . .	.11	: .13	1925 bark . . . . .	.17	: .20	Colchicum Root, bags . . . . .	.17	: .20
Long bales . . . . .	.06	: .07	Cascarilla Bark, quills, bales . . . . .	.09%	: .10	Seed, bags . . . . .	.33	: .35
Buckhorn Leaves, bales . . . . .	.06	: .07	Cassia Batavia, No. 1, bales . . . . .			Colocynth, Pulp USP., bales . . . . .		
Buckthorn Bark, bags . . . . .	.06	: .07	Shortstick, bales . . . . .					
Berries . . . . .	.06	: .07						



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.10	Caltfoot Leaves, bags	.11	.14	Eilecampane Root, bags	.08	.08½	Guarana, tins cases	.65	.80
.08½	Comfrey Root, bags	.13	.14	Elder Flowers, bags	.10	.10½	GUM, see Arabic Gum, etc.		
.08½	Condurango Bark, bags	.12½	.13	Elemi Gum, 85 lb cases	.20	.21	HELLEBORE ROOT		
.28	Contum Herb, bags	.11	.12	Elm bark, select 5 lb bundles cases	.24	.26	Black, bbls	.06	.07
.09	Seed, bags	.10	.11	Grinding bags	.14½	.16	Powdered	.13	.15
				Powdered, bbls	.22	.28	White, 250 lb bbls	.09	.10
.22	Copaiba Balsam Para, See Balsams			ERGOT 150 lb 200 lb bags	.85	.88	Powdered	.12	.15
.33	Copal Gum	.12	.13	Eucalyptus Leaves, bales	.05	.06	Helonias Root (unicorn false)		
.03½	Coriander Seed, Bombay, bags	.06	.06½	Euphorbia Pilulifera Herb bags	.08	.09	bags	.65	.68
.30	Morocco, bags	.04½	.05½	Euphorbium Gum, cases	.23	.27	Hemp Seed, Bags	.04½	.05
.12	Bleached bags	.08	.08½	Fenugreek Seed, 200 lb bags	.04½	.05½	Henbane Leaves, bales USP,	.26	.27
.23	Corn Silk bales	.05½	.06	Fish Berries, 100-125 lb bags	.06	.07½	No. assay	.24	.26
.12	Cotton Root Bark bales	.13½	.14½	Flax Seed, whole 180 lb bbls	.14.75		Henna Leaves, bales	.09	.10
.38	Cowhage, oz. tins	.150		Ground 180 lb bbls	.08	.08½	Powdered	.12	.13
.25	Cramp Bark, so called bales	.06½	.07	Fringe Tree Bark, bags	.22	.23	Honey, Calif., 120 lb cases	.11	.12
.06½	True, bags	.30	.32	Fumigating Pastilles Black 1 lb	.40	.42	Hops, NY prime bales	.28	.30
.08	Craneshill Root, bags	.09	.10	boxes	.45	.50	Pacific Coast prime bales	.25	.27
.06½	CUBEB BERRIES XX bags	.68	.60	Red, 1 lb boxes	.09	.10	Horschound Herb, bales	.08½	.09
.80	Powdered, bxs	.63	.65	GALANGAL ROOT, bags	.09	.10	Horse Nettle, Berries, bags	.35	.55
.10	Culvers Root, bags	.18	.20	Galbanum Gum, cans		1.35	Horsetail Rush, bags	.15	
.29	Cumin Seed, bags	.11½	.12	Gambier Gum, bbls		.10½	Hydrangea Root, bales	.09	.10
.51	Malta bags	.11½	.12	Gamboge Gum, 100 lb cases	.95	1.05	India Gum, see Karaya		
.49	Morocco bags	.10½	.11	Powdered cases	1.10	1.20	INSECT FLOWERS open whole		
.50	Cuttlefish Bone, Trieste, straps	.12½	.13	Gelsemium Root, bgs	.09	.10	Bales	.17	.21
.17	Jewellers large, straps		.50	Gentian Root, bags	.07½	.08	Powdered	.24	.25
.70	Small, straps		.25	Ground, bbls, boxes	.11	.12	Closed, whole bales	.24	.25
.29	French straps	.12½	.15	Powdered boxes	.11	.12	Powdered pure 200 lb bbls	.28	.30
.48	Powdered boxes	.08	.09	Ginger African bags	.15	.15½	Ipecac Root, cartena bags		3.45
.51	Broken boxes		.07	Jamaica grinding bags bbls	.17½	.18	Powdered 200 lb bbls bxs		3.65
.49	Damar Gum, Batavia, 136 lb cs	.25	.28	Japan, bags	.20	.21	Rio Whole, bags		3.35
.48	Singapore No. 1 cs	.39	.40	Cochin, ABC, & Lemon bgs	.16½	.17	Powdered 200 lb bbls bxs	3.60	3.65
.16	Damiana Leaves, bales		nom.	Ginseng Root, cultivated bags	8.00	10.00	Istinglass American, 130 lb cs	.80	.90
.12	Dandelion Root, Imp., bags	.17	.18½	Northwestern Wild, bags	12.00	14.00	Russian (Beluga) bxs ctns	4.00	4.50
.12	Deer Tongue Leaves bales	.25	.35	Northern Wild, bags	8.50	10.00	JABORANDI LEAVES, bales	.09	.10
.7	Digitalis Leaves, bales	.25	.30	Golden Seal Root bags	5.25	5.75	Jalap Root, whole 150 lb bags	.25	.30
.0	Dill Seed, bags	.07	.08	Powdered boxes	5.50	6.00	Powdered, USP, 250 lb bbls	.32	.36
.0	Cleaved bags	.15	nom.	Herb bbls		1.25	Japan Wax, 224 lb cs	.17½	.18
.8½	Dogwood Bark, Jamaica bags	.10	.11	Grains of Paradise, bags	.14	.15	Job's Tears, White bags	.12	.13
.0	American, bales	.07	.08	Grindelia Robusta Herb bales	.09	.09½	Juniper Berries, 125 lb bags	.05½	.06½
.0	Doggrass Root, USP, cut bags	.11½	.12	Guaiaac Gum, 80 lb cases powd.	.39	.40	Sifted bags		.06
.0	Dragons Blood, mass cases	.70	.75				KAMALA, USP, boxes	.92	.95
.0	Reeds, boxes	.95	1.00				Karaya Gum, powdered bbls	.10	.25
.0	ECHINACEA, Root bags	.30	.33						

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GRASSE (FRANCE)      KARLOVO (BULGARIA)

## Crude Drugs

Kauri Gum No. 1 .....	.68	: .70	Marjoram Leaves, French, bales	.46	: .47	Opium, Powdered, USP, cases	13.00	: 14.00
Kava Kava Root bags .....	.16	: .17	Chilian, bales .....	.36	: .37	Orange Flowers, cases .....	.35	: 1.25
Kino Gum, black cases .....	.50	: .55	Mastic Gum, 120 lb cases .....	.48	: .50	Peel, bitter, bags .....	.07	: .08
Kola Nuts, 150 lb bags .....	.05½	: .06	Matteo Leaves, bales .....	.45	: .48	Sweet bags .....	.11	: .11½
Koussou Flowers, bags .....	.50	: 1.25	Mezerion Bark, bags .....	.11	: .12	ORRIS ROOT, Florentine bold bags	.09	: .10
LADY SLIPPER ROOT, bags .....	.45	: .50	Millet Seed, dom., yellow bags	.03½	: .04	Powdered 200 lb bbls	.12	: .13
Larkspur Seed, bags .....	1.90	: 2.10	Montan Wax, crude bags .....	.06½	: .07	Verona, bags .....	.09	: .10
Laurel Berries bags .....	.08	: .09	Bleached bags .....	.25	: .30	Powdered 200 lb bbls	.11	: .12
Leaves, Greek bags .....	.04½	: .05	Moss, Iceland, bales .....	.08	: .08½	Fingers, cases .....	.60	: .65
Italian bales .....	.04½	: .05	Irish, bleached, bales .....	.12	: .13	Ookerite Wax, brown hard bags	.24	: .25
American, bales .....	.25	: .35	Mullein Flowers, tins .....	.90	: 1.35	Green, hard bags .....	.30	: .31
Lavender Flowers, ordinary .....	.28	: .30	Musk, pods, carbazine, tins	16.00	: 17.00	Bedined, yellow, bags .....	..	: .37
Selected .....	.40	: .45	Tonguin tins .....	24.00	: 26.00	PAPRIKA, bags .....	.21	: .26
Leeches tubs .....	3.00	: 3.25	Grain Cab tins .....	25.00	: 26.00	Fareira Brava Root, bags .....	.11	: .13
Lemon Peel, bags .....	.07½	: .08	Tonguin tins .....	36.00	: 44.00	Fareley Seed, bags .....	.15	: .17
Licorice Root, Russian whole bbs	.12	: .13	Synthetic, see Chemicals			Fatchouli, Leaves bales .....	.19	: .20
Spanish, natural bales .....	.05½	: .07	Musk Root, Russian bags .....	.78	: .85	Pellitory Root, bales .....	.15	: .16
Powdered, bbls .....	.08½	: .10½	Mustard Seed Bari brown bags	.11½	: .12	Pennsylv .....	.08	: .09
Selected, 2 & 5 lb bundles	.13	: .16	Bombay, brown bags .....	.07½	: .08	Pepper black, Sing bags .....	.32	: .33
Cuttings 125 lb bags .....	.06	: .07	California, brown bags .....	.10½	: .11	White bags .....	.35	: .36
Turkish, 150 lb bales .....	.05	: .06	Yellow bags .....	..	: .11½	Aleppy, bags .....	.30	: .31
Lime Juice, clarified bbls .....	.60	: .65	Chinese, yellow bags .....	.05½	: .06½	Lempong bags .....	.29½	: .30
Linden Flowers with leaves, bales	.12	: .15	English, Yellow bags .....	.13	: .13½	Tellecherry, bags .....	.29	: .29½
Without Leaves, bales .....	.20	: .25	Dutch, yellow bags .....	.12	: .13	Muntok, bags .....	.36	: .37
Lobelia Herb, bales .....	.37	: .40	Danish, yellow bags .....	.08½	: .09	Red Chillies Japan No 1 bags	.15	: .16
Seed, bags .....	.60	: .70	Myrrh Gum, select, 200 lb cs	.24	: .27	Mombasa, bags .....	.10	: .10½
Lovage Root, Imported bags .....	.18	: .25	Sorts, cases .....	.20	: .24	Capsicum, Bombay, bags .....	.10½	: .11
Lupulin, N.F. tins .....	1.70	: 1.75	NUTGALLS, Chinese, bags .....	.17	: .18	Peppermint leaves, imp., bales	..	: .50
Randa, No. 1 cases .....	1.00	: 1.05	Aleppy bags .....	.25	: nom.	Domestic .....	.24	: .40
Lycopodium, 88 lb cs .....	.90	: .95	Powd. bags .....	.23	: .24	Herb bis .....	.18	: .20
MACE, Glaue, No 1 .....	1.00	: 1.02	Nutmegs, 110s cases .....	.50	: .51	Pero Balsam, see Balsams		
Banda, No 1, cases .....	1.10	: nom.	75s, 80s, cases .....	.53	: .53½	Picht. Leaves, bags .....	.16	: .18
Batavia, No. 2 cases .....	.86	: .86½	Grinding, bags .....	.51	: .52	Pimento Select, bags .....	.16½	: .16½
West India, cases .....	.93	: .94	Nux-Vomica Buttons, bags	.06	: .06	Pink root, true bags .....	.60	: .75
Malva Flowers, blue bales .....	.40	: .45	Powdered, 200 lb bbls	.07½	: .10	Pitch, Burgundy, see Burgundy Pitch		
Black, bales .....	.60	: nom.	OAK BARK, red bags .....	.04½	: .05½	Plantain Leaves, bales .....	..	: .12
Manaca Root, bales .....	.16	: .20	White, bags .....	.06	: .07	Pleurisy Root, bags .....	.19	: .20
Manna, large flake cases .....	.60	: .62	Oilbanum Gum, Sift 280 lb cases	.10½	: .12	Pole Berries, bags .....	.15	: .17
Small flake cases .....	.44	: .48	Tears			Root, .....	.10	: .12
Sorts, cases .....	..	: .30	No. 1, all white 280 lb			Pregnant Bark, of root bags	..	
Mandrake Root, bags .....	.12	: .14	cases .....	.22	: .23	of Fruit, bags .....	..	: .30
Marjoram Leaves, German bales	.48	: nom.	No 2, 280 lb cases .....	.17	: .18	of Tree .....	.23	: .25
African, bales .....	..	: ..	No 3, 280 lb cs .....	.11	: .13	Poppy Flowers, red bags .....	.60	: .65
			Opium, gum, USP, cases .....	12.00	: 13.00	Head .....	.42	: .45
			Grammar, cases .....	13.00	: 14.00			

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# Crude Drugs

Poppy Seed, Dutch bags .....	.16	.17½	Savory Leaves, bales .....	.09½	.09½	Spruce Gum, boxes .....	1.00	
Turkish, bags .....	.08½	.09½	Saw Palmetto Berries bags .....	.29	.42	Squaw Vine, bales .....	.16½	.19
Blue Indian, bags .....	.10	.10½	Scammony Resin, boxes .....	1.35	1.50	Squills, white .....	.05	.05½
White Indian, bags .....	.07½	.08	Root bags .....	.07½	.08½	Powdered bulk .....	.12	.15
Prickly Ash Bark, Southern, bags .....	.13	.14	Senega Root, bags .....	.68	.70	Stavesacre Seed, bags .....	.25	.30
Northern bags .....	.16	.18	SENNA, Alex 150 lb cases .....	.22	.26	Suckiac, 250 lb bales .....	.30	.35
Berries bags .....	.70	.75	Half Leaf 150 lb cases .....	.13	.14	Stillingia Root, bags .....	.11	.12
Prince's Pine, bales .....	.16	.17	Siftings, 400 lb bales .....	.11	.12	Stone Root, bags .....	.09	.10
Pulsatilla Herb, bags .....	.11	.12	Powdered 200 lb bbls .....	.13	.14	St. Ignatius Beans, bags .....	.13	.14
Pumpkin Seed, bags .....	.17	.19	Tinnerelly, Bold, 350 lb bbls .....	.12½	.14	St. John's Bread bags .....		.07½
QUASSIA CHIPS, bags .....	.06½	.07½	Medium Leaf bbls .....	.10	.11	Stramonium Leaves, bales .....	.12½	.13
Quebracho, bk., 125 lb bbls .....		.55	Small Leaf .....	.07	.08	Seed bags .....	.08	.09
Queen of the Meadow Herb .....		.07½	Powdered, 200 lb bbls .....	.10	.12	Strophantus Seed, Hispidus .....		nom
Root, bgs. ....			Pods, 350 lb bales .....	.13	.17	Kombe bags .....		nom
Quince Seed, bags .....	.75	.80	Serpentaria Root, bags .....	.80	.85	Styrax, liquid artif. ....	.35	.40
Cape bgs. ....	.85	.90	Shellac, D.C. bags .....	.68	.69	Gen. USP .....	.35	.45
RAPE SEED, South Amer. bags .....	.06½	.07	V.S.O. bags .....	.68	.69	Sunflower Seed, domestic bags .....	.05½	.06
Dutch, bags .....	.06½	.06½	Diamond 1 bags .....	.40	.41	South American, bags .....	.05	.05½
Japanese small bags .....	.07½	.08	Superfine, Orange bags .....	.39	.40	TAGALDER BARK, bags .....	.05	.06
Raspberries, dried bbls .....	.58	.60	Fine, bags .....	.34	.35	Tamarinds, bbls .....	.06½	.07
Red Saunders, bags .....	.08½	.09	T.N. bags .....	.38	.39	Kegs .....	3.75	3.80
Rhatany Root bags .....	.11	.12	Garnet, A. C. ....	.72	.75	Fancy Herb, bales .....	.18	.19
RHUBARB, Root H.D. cases .....	.35	.40	Button bags .....	.44	.45	Tar. Barbadoes, 50 gal bbls .....	1.40	1.45
Powd., bbls .....	.40	.42	Bone Dry, bbls .....	.15	.18	Thus Gum, 280 lb bbls .....	.11¾	.13
Rosemary Leaves bales .....	.05½	.10	Sideritis Herb, cut bags .....	.08	.09	Filix, see Linden		
Flowers, cases bales .....	.35	.40	Simaruba Bark, bales .....	.42	.43	Thyme, Spanish bales .....	.08½	.09
Rose Petals pale .....	.24	.28	Skullcap Leaves, Eastern bales .....	.24	.26	French, bales .....	.09	.10
Red .....	1.75	2.25	Western bales .....	.13	.16	Tolu Balsam, see Balsams		
Rue Herb, bales .....	.18	.20	Snake Root, Canada, natural bags .....	.29	.32	Tonga Bark, bags .....		nom
SABADILLA SEED, bags .....	.21	.25	Stripped bags .....	.65	.70	Root bbls .....		nom
Powdered bbls .....	.26	.28	SOAP BARK, whole, 150-200 lb .....	.10	.12	Vine bbls .....	1.25	1.30
Saffron Flowers, Amer. bales .....			Cut, 125-175 lb bags .....	.09	.09½	Forst. Beans, Angustura, cases .....	2.00	2.10
Valencia, 1 lb cans .....	25.00	27.00	Crushed 200 lb bbls .....		.11	Para, cases .....		
Sage, Dalmatian bales .....	.05	.05½	Powdered, bgs bbls .....	.12½	.14	Surinam, cases .....	.85	.90
Greek, bales .....	.02½	.03½	Pearmint Leaves, American bales .....	.24	.25	TRASCANTHUM Gum, No. 1 ribbon		
Sandalwood, chips, bags .....	.15½	.16	Herb, bales .....	.17	.17	No. 2 .....	1.65	1.70
Ground, bags .....	.21	.21	Spermoceti, blocks, cakes cases .....	.38	.43	No. 3 .....	1.30	1.40
Sandarc Gum, 300 lb bbls .....	.35	.36	Domestic .....	.42	.45	Powdered, 50 lb boxes .....	.60	1.00
Ona Root, Honduras, bales .....	.05	.05	Spikenard Root, bags .....	.15	.17	Turkish, cases .....	.45	.60
Mexican .....		nom						
Manassra Bark, ordinary bales .....	.15	.17						
Select, bales .....	.26	.29						

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Must Be Deserved"*

(Acknowledgment to Chesterfield)

For eleven years, with one exception, the deflation year of 1920, the number of DRUG & CHEMICAL MARKETS readers has steadily increased. We have never forced the circulation by wholesale purchase of subscribers, by combination offers, by premiums, and we have never cut the price. Growth has been solid as it is constant.

## Essential Oils

Turmeric Root, Madras bags	..b	.08%	.09%
Aleppy bags	..b	.08%	.09%
Powdered	..b	.13	.14
China, bags	..b	.09	.09%
Turpentine, Venice true 80 lb cs	..b	.28	.32
Artificial, 80 lb cases	..b	.19	.20
Spirits, see Naval Stores			
UNICORN ROOT, false, see Helonias			
True, see Aletris			
Uva Ursi Leaves, bales	..b	.05	.05%
VALERIAN ROOT, Belgian bags	..b	.42	.50
USP,	..b		.30
Vanilla Beans Mex., whole case	..b	5.50	10.00
Cuts, cases	..b	5.00	6.50
Bourbon, cases	..b	2.50	3.50
South American, cases	..b	3.50	4.50
Tahiti, yellow label cases	..b		2.50
Green Label, cases	..b		
Vetiver Root, 100 lb bags	..b	.25	.26
Violet Flowers, bags	..b	.70	.72
WAHOO BARK, of root bags	..b	.70	.72
Of Tree, bags	..b	.30	.32
White Pine Bark, rosead, bags	..b	.07	.07%
White Poplar Bark, bags	..b	.06	.07
Wild Cherry Bark, thin green			
Rosead, bales	..b	.12	.13
Thick Rosead, bales	..b	.06%	.07
Thin Natural, bales	..b	.07%	.08
Thick Natural, bales	..b	.06%	.10
Willow bark, bags	..b		.07
White, bags	..b		.15
Witch Hazel Bark, bgs	..b	.09%	.08
Leaves, bales	..b	.08	.09
Worm Seed, American bags	..b	.12	.14
Levant, bags	..b	3.25	3.50
Wormwood Herb, Imported bales	..b		.10
Yacca Gum, red	..b	.04	.04%
Ground	..b	.05%	.06%
Yellow Root (Zanthoxila) bgs	..b	.16	.17
YELLOW DOCK ROOT, bags	..b	.10%	.11
Yellow Fattila Root, bags	..b	.16	.17
Yerba Mate bags	..b	.22	.30
Yerba santa, bags	..b	.09%	.10
Zedoary Root, bags	..b	.06	.08

### Essential Oils

Almond, Bitter, USP, 5 lb bot	..b	3.00	3.25
Bitter ff PA 5 lb bots	..b	3.15	3.35
Sweet, 5 lb cans	..b	.95	1.00
Amber, crude 25 lb tins	..b	.50	.55
Rectified, 25 lb tins	..b	.75	.82
Angelica Root, 1 lb bot	..b	25.00	30.00
Anise Tech., 66 lb case	..b	.65	.68
USP, 60 lb cans	..b	.68	.72
Apricot, Kernel 50 lb cans	..b	.65	.70
Bay, 25 lb tins	..b	2.15	2.25
Terpeneless	..b	6.00	6.50
Bergamot, 25 lb coppers	..b	5.90	6.25
Terpeneless	..b	10.00	14.00
Artificial, 25 lb cans	..b	2.00	4.00
Birch Tar, rect., 5 lb bot	..b	.50	.60
Crude, 50 lb tins	..b	.20	.25
Bois de Rose, tins	..b	3.25	3.75
Cade, 25 lb cans	..b	.26	.27
Cajuput native 50 lb tins	..b	.70	.75
Calamus, 5 lb bot	..b	3.75	4.00
Camphor, Sassy 1000 lb drs	..b		.14%
White 1000 lb drs	..b	.11%	.12
Cans, 50 lbs	..b	.14	.14%
Cananga, native, 25 tins	..b	3.10	3.25
Rectified, 25 lb tins	..b	3.25	3.40
Caraway, USP,	..b	1.60	1.70
Cardamom, USP, 1 lb bot	..b	30.00	32.00
Carvol, 5 lb bot	..b	8.75	9.75
Cascarilla, USP, 1 lb bot	..b	50.00	52.00
CASSIA, 80-85% 400 lb drs	..b	2.60	2.75
Redistilled USP, 50 lb cans	..b	2.95	3.05
Cedar Leaf, 50 lb tins	..b	.90	1.00
Cedar Wood, light, 1,000 lb drs	..b	.30	.32
Celery, 1 lb bot	..b	9.50	10.00
Chaulmoogra, 80 lb cases	..b	.85	.90
Cinnamon Ceylon, 1 lb bot	..b	10.50	11.00
Leaf, 5 lb bot	..b	1.40	1.50

### CITRONELLA, Ceylon

1,000 lb drums	..b	.48	.50
50 lb tins	..b	.50	.51
Java, 400 lb drums	..b	.85	.90
50 lb tins	..b	.95	.97
Cloves, USP, 50 lb cans	..b	1.85	2.00
6 lb bot	..b	1.90	1.95
Copaiba	..b	.40	.45
Coriander, USP, 1 lb bot	..b	8.00	8.25
Croton, USP, 25 lb tins	..b	.90	1.00
Cubeb, USP, 5 lb bot	..b	4.40	4.50
Cumin, 1 lb bot	..b	10.50	11.00
Dill, 25 lb cans	..b	4.00	4.25
Erigeron 20 lb tins	..b	6.25	6.50
EUCALYPTUS, Austral. USP,			
50 lb cs	..b	.55	.58
500 lb drums	..b	.54	.56
Fennel, USP, 25 lb tins	..b	.80	.85
Geranium, African 25 lb cans	..b	3.35	3.50
Bourbon, 25 lb tins	..b	3.25	3.35
Turkish, 28 lb tins	..b	3.25	3.50
Ginger, 1 lb bot	..b	8.50	9.25
Gingergrass, 28 lb tins	..b	2.50	2.75
Hemlock, 25 lb tins	..b	.85	.87
Juniper Berries, USP, 25 lb tins	..b	2.40	2.50
Wood, 50 lb tins	..b	.50	.60
Lavender USP, 28 lb tins	..b	6.00	5.25
Spike, Spanish, 50 lb cans	..b	1.10	1.50
LEMON, Ital. USP, 25 lb cans	..b	3.15	3.25
Terpeneless	..b	18.00	22.00
American, USP, 25 cans	..b	2.50	2.75
Lemongrass, native 50 lb cans	..b	1.10	1.20
Limes, expressed, 25 lb tins	..b	7.00	7.50
Distilled, 25 lb tins	..b	3.25	4.50
Linaloe Mex., 80 lb cases	..b	3.25	3.50
Mace, distilled, 50 lb tins	..b	1.80	1.85
Mirbane, ref., Aromatic Chemicals			
Mustard, USP, 1 lb bot	..b	14.00	14.25
Artif., USP, 5 lb bot	..b	2.10	2.25
Neroli, Bigarade 1/2 & 1 lb bot	..b	75.00	100.00
Petale, 1 lb bot	..b	100.00	125.00
Artificial, 1 lb bot	..b	10.00	20.00

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## Essential Oils

Nutmeg, USP, 25 lb tins ....lb	1.80	: 1.85	Vetivert, Bourbon 10 bot ....lb	20.00	: 21.00	Linalool, 5 lb bot ....lb	6.00	: 6.25
Orange, bitter, 25 lb tins ....lb	2.65	: 2.75	Indian, 1 lb bot ....lb	30.00	: 40.00	From Bois de Rose 5 lb bot ....lb	6.00	: 6.25
Sweet W Ind, 25 lb tins ....lb	2.85	: 3.00	Java, 1 lb bot ....lb	20.00	: 22.00	MENTHOL, 60 lb cases ....lb	5.75	: 6.00
Italian 25 lb cop ....lb	3.25	: 3.35	Wine, heavy, 1 lb bot ....lb	...	: 1.50	less cases, 5 lb cans lb	...	: 6.00
American, 25 lb tins ....lb	3.30	: 3.50	WINTERGREEN			Rhodinol, 1 lb bot ....lb	16.00	: 20.00
Distilled, 25 lb tins ....lb	1.75	: 1.85	Sweet beh., 25 lb tins ....lb	3.00	: 4.50	Extra, 1 lb bot ....lb	35.00	: 42.00
Spanish 25 lb tins ....lb	...	: 3.60	Southern, 25 lb tins ....lb	1.85	: 2.00	SAFROL, drums ....lb	...	: .31
Origanum, 50 lb cans tech. ....lb	.25	: .28	Gaultheria, true 25 lb tins ....lb	7.00	: 8.00	60 lb cans ....lb	...	: .33
Parsley, 1 lb bot ....lb	6.75	: 7.00	Southern, 25 lb tins ....lb	3.75	: 4.00	Thymol, USP, 25 lb tins ....lb	4.25	: 4.50
Patchouli, 5 lb bot ....lb	6.25	: 6.50	Synthetic, see Methyl Salicylate					
Pennyroyal, com., 25 lb tins ....lb	2.50	: 2.75	Wormseed, Balt., USP., 25 lb tins ....lb	5.90	: 6.00			
Imported, 25 lb tins ....lb	2.40	: 2.50	Wormwood, dom., 25 lb tins ....lb	6.90	: 7.25			
PEPPERMINT, nat 60 lb case ....lb	17.50	: 21.00	Ylang Ylang Bourbon 10 lb tins					
Redis., USP., 60 lb cases lb	20.00	: 22.00	No 1 ....lb	8.00	: 9.00			
Petit Grain, S.A. 25 lb tins ....lb	2.40	: 2.50	No 2 ....lb	6.00	: 7.00			
French, 1 lb bot ....lb	6.50	: 7.00	Manilla, 1 lb bot ....lb	35.00	: 40.00			
Italian 25 lb tins ....lb	2.20	: 2.30						
Pimento, 25 lb tins ....lb	5.75	: 6.00						
Pinus Sylvestris 25 lb tins ....lb	1.40	: 1.75						
Fumilio, USP, 25 lb tins ....lb	2.25	: 2.50						
Rose, Fr., 8, 16, & 32 oz pkgs ....lb	9.00	: 9.50						
Bulg., 8, 16, & 23 oz pkgs ....lb	10.25	: 13.00						
Artificial, 1 lb bot ....lb	2.00	: 2.75						
Rosemary, USP, 27 1/2 lb tins ....lb	.47 1/2	: .52 1/2						
1000 drums ....lb	.45	: .47						
Tech., 27 1/2 lb tins ....lb	.37 1/2	: .38						
Rue, 1 lb bot ....lb	...	: 4.00						
Sandalwood E Ind USP, 100 lb								
Cases ....lb	7.15	: 7.25						
W. Indian (Amayris) 25 lb tins lb	1.85	: 2.00						
Sassafras, USP., 50 lb cans ....lb	.85	: .90						
Artificial, 1000 lb drs., 60 lb cases lb	.27	: .29						
Savin, 50 lb tins ....lb	2.00	: 2.15						
Spearmint, USP., 50 lb tins ....lb	10.50	: 11.00						
Spruce, 50 lb tins ....lb	.85	: .87						
Tanzy, Amer., 20 lb tins ....lb	6.75	: 7.00						
Tar, 50 gal bbls ....gal	.25	: .30						
C.S.P. 50 gal bbls ....gal	...	: .75						
Thyme, red, USP, 25 lb tins ....lb	.80	: .85						
White, USP, 25 lb tins ....lb	.95	: 1.00						
Tech., 110 lb drums ....lb	.65	: .70						

## Aromatic Chemicals

### NATURAL DERIVATIVES

Anethol, 2 lb bot ....lb	1.40	: 1.75
Borneol, 1 lb bot ....lb	2.50	: 2.60
CITRAL, 25 lb cans ....lb	2.75	: 3.00
Citronellal 1 lb bot ....lb	2.50	: 3.00
EUCALYPTOL, USP, 50 lb cans lb	1.00	: 1.10
Eugenol, USP, 25 lb cans ....lb	2.75	: 3.00
Geraniol, Domestic, 50 lb cans lb	3.00	: 3.25
Imported, 5 lb bot ....lb	3.25	: 3.50
Iso-Eugenol 1 lb bot ....lb	4.25	: 4.50
Imported ....lb	3.75	: 3.90

Acetophenone, CP, 1 lb bot ....lb	3.50	: 3.75
Aldehyde, C-8 (Octyl) 1 lb bot lb	45.00	: 60.00
C-9 (Nonyl), 1 lb bot ....lb	70.00	: 75.00
C-10 (Decyl) 1 lb bot ....lb	50.00	: 58.00
C-12 (Dodecyl), 1 lb bot lb	27.50	: 32.50
C-14, 1 lb bot ....lb	22.50	: 25.00
C-16, 1 lb bot ....lb	70.00	: 80.00
Auhepine, see Anisic Aldehyde		
Amyl Acetate, pure 5 gal cans gal	4.75	: 5.50
Butyrate, 1 lb bot ....lb	2.00	: 2.25
Cinnamate, 1 lb bot ....lb	5.00	: 5.25
Formate 1 lb bot ....lb	2.00	: 2.25
Phenyl Acetate, 1 lb bot ....lb	4.50	: 5.00
SALICYLATE, dom. 100 lb		
chys ....lb	1.45	: 1.50
Imported ....lb	2.25	: 2.50
Valerate, 5 lb bot ....lb	2.75	: 3.00
Anisic Aldehyde 1 lb bot ....lb	3.25	: 3.50
BENZALDEHYDE, USP, 40 lb chys lb	1.15	: 1.25
Imported, USP, ....lb	1.30	: 1.40
FFC, 40 lb chys ....lb	1.10	: 1.25
Benzate Ether, See Ethyl Benzoate		
Benzophenone 1 lb bot ....lb	4.50	: 5.00
Benzyl Acetate 100 lb chys ....lb	1.25	: 1.30
Alcohol, 5 lb bot ....lb	1.25	: 1.35
BENZOATE 5 lb bot ....lb	1.25	: 1.35
Medicinal FFC ....lb	1.45	: 1.60
Butyrate, C.P. 1 lb bot ....lb	4.00	: 4.50
Cinnamate 1 lb bot ....lb	9.50	: 9.75
Formate, 1 lb bot ....lb	3.00	: 3.25

**Benzyl Benzoate**

**Benzyl Alcohol**

**Benzyl Acetate**

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## Aromatic Chemicals

Benzyl Propionate 1 lb bot	4.00	4.25	Iso-Safrol 1 lb bot imp	3.75	4.00	TERPINEOL, CP, 1000 lb drs	.29	.31
Valerate 5 lb bot	7.50	8.00	Domestic 5 lb bot	3.50	3.75	Cans, 50 lb	.34	.35
Bornyl Acetate, 1 lb bot	3.25	3.50	Linyl Acetate, 1 lb bot	8.00	9.50	Absolute, 25 lb cans	.50	.60
Bromystrol, 25 lb cases	3.75	4.25	Benzoate, 1 lb bot	13.00	14.00	Imported, 25 lb cans	.36	.38
Butyl Anthranilate 1 lb bot dom		16.00	Formate, 5 lb bot	10.50	12.00	VANILLIN, USP, 500 oz cans	.49	
Butyric Ether, See Ethyl Butyrate			Methyl Acetophenone	3.75	4.00	Cans, 16 ozs., 80 ozs	.50	.51
Cinnamic Acid, 5 lb cans	3.25	3.50	ANTHRANILATE dom., 1 lb bot	2.50	3.25	Second Hands	.45	.48
Alcohol, liquid 1 lb bot	5.00	6.00	Imported	2.50	3.00	Valerianic Ether, See Ethyl Valerate		
Crystallizable	7.00	8.00	Benzoate, 5 lb bot import	2.00	2.25	Yara Yara, 1 lb cans	1.50	1.60
Aldehyde	3.00	3.25	Domestic, 5 lb bot	1.75	2.00	PERFUMERS' SUNDRIES		
CITRONELLOL, 1 lb bot	6.50	7.50	Cinnamate, 1 lb bot	3.75	4.25	Almond Meal, 25 lb cans	.24	.25
Imported, 1 lb bot	7.75	9.00	Heptenone, 1 lb bot	8.00	8.50	Amber, liquid 400 lb drs	2.20	2.30
Citronalyl Acetate, 1 lb bot	13.00	14.00	Paracresol, 1 lb bot	8.00	9.00	Ambergris, black bxs	18.00	20.00
COUMARIN, 25 lb cans	3.10	3.25	Phenylacetate 5 lb bot dom	3.75	4.00	Gray bxs	30.00	35.00
DIETHYL PHTHALATE, See Chemicals			SALICYLATE, USP, 500 lb			Balsam Copaiba, Para, 80 lb cases	.37 1/2	.40
Diphenyl oxide, 25 lb tins	1.15	1.25	drums		.43	South American, 80 lb cases	.42 1/2	.45
Ethyl Acetate, pure, 5 lb bot	.45	.50	50 lb cases		.45	Peru, 120 lb cases	1.75	1.80
Benzoate, 5 lb bot	1.75	1.90	Second Hands	.42	.43	Tolu, 90 lb cases	1.20	1.30
Butyrate, 5 lb bot	2.00	2.20	Mirbane, rect., 1000 lb drums	.10	.12	Benzoin Gum, Siam, bxs	1.10	1.45
Caproate, 1 lb bot	3.25	3.50	Musk Ambrette, 1 lb cans	8.00	9.00	Castoreum, 1 lb bot		12.00
Cinnamate, 1 lb bot	3.50	3.75	Ketone, 1 lb cans	10.00	11.00	Chalk, precip., light, 175 lb bbls	.04 1/2	.05
Formate, 5 lb bot	1.00	1.25	Xylene 5 lb cans	2.65	3.25	Cherry Laurel Water, 5 gal cans gal	1.15	1.25
Ethyl-methyl Paracresol, 1 lb bot	3.25	3.50	Nerolin, 1 lb cans	1.50	1.60	Civet Abyssin horns	2.10	2.25
Ethyl Phenylacetate, 5 lb bot	3.75	4.00	Oenanthal Ether, 1 lb bot	2.25	2.30	Ladanum, 5 lb bot	7.50	8.00
Propionate, 1 lb bot	2.00	2.25	Para-Cymene, Refd., 110 gal drs gal	2.25	2.50	Lanolin hydrous, 350 lb bbls	.15	.21
Valerate, 5 lb bot		3.75	Phenylacetaldehyde, Dom.,			Anhydrous, 350 lb bbls	.18	.23
Salicylate, 5 lb bot	2.00	2.10	1 lb. bot 50 pc	8.00	8.50	Musk pods, Cabardine, tins	16.00	17.00
Formic Ether, See Ethyl Formate			Imported, 50 p.c.	7.00	7.50	Tonquin, tins	24.00	26.00
Geranyl Acetate, 1 lb bot	4.50	5.00	80-85 pc	13.00	15.00	Graine, Cabardine, tins	25.00	26.00
Butyrate, 1 lb bot	13.00	13.50	Phenylacetic Acid, 1 lb bot	3.00	3.25	Tonquin, tins	36.00	44.00
Formate, 1 lb bot	12.00	12.50	Phenyl Disacetate, 1 oz bot	3.25	3.50	Synthetic, See Aromatic Chemicals		
Hellotropin, dom., 100-10 lbs	1.65	1.75	1 lb bot	8.00	10.00	Orris Rt., Flor., powd bbls	.12	.13
Imported	2.00	2.25	Imported	7.00	7.75	Verona, powd. bbls	.10	.11
Hydroxycitronellal, 1 lb bot	10.00	12.00	Phenylethyl Alcohol, 1 lb bot	6.00	7.00	Petrolatum, snow white 350 lb bbls	.12 1/2	.13
Indol, C.P. 1 oz bot	3.50	4.00	Phenylethyl Butyrate 1 lb bot	26.00	28.00	Light Amber, 350 lb bbls	.04 1/2	.04 3/4
Ionone, 1 lb bot. 100%	6.75	7.00	Formate, 1 lb bot	19.00	21.00	Rice Starch, 140 lb bgs	.09	.10
Alpha	7.50	10.00	Propionate, 1 lb bot	20.00	24.00	Rose Water, 6 2-3 gal clys	1.00	1.25
Beta	8.00	8.50	Valerate 1 lb bot	25.00	29.00	Sandalwood chips powd, bags	.15	.40
Methyl	9.50	10.00	Phenylpropylalcohol, 1 lb bot	15.00	16.00	Saponin, 5 lb tins	60.00	80.00
Iso-Butyl Benzoate 5 lb bot	2.75	3.00	Sisalol, 1 oz bot	4.50	7.00	Talc., Italian 220 lb bgs	40.00	45.00
			Terpinyl Acetate 25 lb cans	1.25	1.35	French 220 lb bags	40.00	45.00
			Imported, 25 lb cans	1.25	1.35	Domestic ref., 100 lb bags	14.00	15.00

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# Imports of Chemicals, Dyestuffs, Drugs, etc.

Imports at New York, Feb. 12 to Feb. 19, 1926

**ACIDS**—Chronic, 1 cse., 1 drum, A Klipstein & Co., Hamburg; **Cinnamic**, 1 ck., Mallinckrodt Chem Works, Hamburg; **Cresylic**, 2 drs., Order, Liverpool; 23 drs., De Mattia Chem Co., Manchester; **Formic**, 70 balloons, R W Greeff & Co., Rotterdam; **Hydrofluor**, 2 bgs., Federated Metals Corp., Bremen; **Stearic**, 126 bgs., K Mandell & Co., Antwerp; 123 bls., 100 bgs., Order, Rotterdam; 100 bgs., Monahan Chem Co., Hamburg; **Tartaric**, 160 cks., Order, Rotterdam  
**ALBUMEN**—63 cs., Wah Chang Trdg Co., Shanghai  
**ALCOHOL**—Isopropyl, 1 cse., Order, Hamburg; **Iron Amyl**, 1 brl., L A Salomon & Bros., Hamburg  
**ALOES**—50 cs., Order, Curacao  
**AMMONIUM**—Carbonate, 5 cks., 5 brls., Brown Bros & Co., Liverpool; 1 cse., Order, Hamburg; **Chloride**, 120 cs., Wing & Evans, Liverpool; **Muriate**, 100 cks., Kuttroff Pickhardt & Co., Rotterdam; 100 cks., C De P Field Co., Bristol; **Sulfate**, 508 bgs., Kuttroff Pickhardt Co., Hamburg  
**ANTIMONY**—400 cs., Order, Bremen; **Oxide**, 210 bgs., Wah Chang Trdg Corp., Shanghai; 520 bgs., Watson Geach & Co., Antofagasta; 100 bgs., Assoc Metals & Minerals Corp., Hamburg; **Regulus**, 500 cs., Order, Bremen; 100 cs., Order, London; 250 cs., W R Grace & Co., Shanghai; 500 cs., Arnold & Co., Shanghai; 220 cs., W G Smith & Co., Shanghai  
**ARGOLS**—613 bgs., C Pfizer & Co., Lisbon  
**ARSENIC**—50 brls., Order, Antwerp; **Metal**, 100 brls., Lo Curto & Funk, Hamburg; **Sulfide**, 45 cks., L H Butcher & Co., London  
**BALSAM**—10 cs., Hamberger Polhemus & Co., Acapulco; 120 cs., Order, Para; **Tolu**, 25 cs., Ultramarine Corp., Puerto Colombia  
**BARIUM**—Chloride, 65 cks., Guaranty Trust Co., Antwerp  
**BARKS**—40 bgs., J Schoenegan, Hamburg; **Cinchona**, 212 bls., Order, Rotterdam; **Medicinal**, 34 bls., S B Penick & Co., London  
**BAY RUM**—Denatured, 105 brls., Hudson Tea Co., St. Thomas  
**BIRCH TAR**—25 drs., Order, Hamburg; 13 drs., White Sea & Baltic Co., Hamburg  
**BLANC FIXE**—13 brls., Order, Hamburg  
**BLOOD ALBUMEN**—10 cks., W A Foster & Co., Hamburg  
**BROMIDE**—12 cs., E Bilhuber, Bremen  
**CALCIUM**—Silicate, 25 brls., Nat City Bank, Havre  
**CARBON**—Decolorizing, 286 bgs., L A Salomon & Bro., Rotterdam  
**CASEIN**—32 sks., Order, Auckland  
**CELLULOSE ACETATE**—20 cks., Order, Rotterdam  
**CHALK**—1,500 bgs., Nat City Bank, Antwerp; 400 bgs., Reichard Coulston Co., Antwerp; 175 pgs., H J Baker & Bro., Bristol; 1,000 tons, Taintor Trdg Co., London  
**CHEMICALS**—14 pgs., Roessler & Hasslacher Chem Co., Hamburg; 10 cs., J Schoenegan, Hamburg; 35 cks., Pfaltz & Bauer, Hamburg; 74 cyl., E Ritter, Havre; 1 cse., J R Watkins & Co., Rotterdam; 1 cse., C H Stuart & Co., Rotterdam; 75 cks., A Klipstein & Co., Bremen; 100 brls., Roessler & Hasslacher Chem Co., Rotterdam; 2 cs., Eastman Kodak Co., Rotterdam; 250 bgs., P Uhlich & Co., Rotterdam; 293 cks., Meteor Products Co., Rotterdam; 50 cks., Order, Rotterdam; 100 cks., A Klipstein & Co., Bremen; 32 cks., Order, Bremen; 2 cs., Goldman Sachs & Co., Bremen; 2 cs., G. Lueders & Co., Bremen; 170 cks., Roessler & Hasslacher Chem Co., Bremen; **Compounds**, 210 cs., Hoppel & McAvoy, Trieste; **Preparations**, 10 cs., Grasselli Dyestuff Corp., Rotterdam; **Products**, 30 cs., State Fwdg & Shpg Co., Havre; 25 cks., H A  
**CHLOROPHYLL**—2 cs., E Hennigson, Bremerhaven  
**CLAY**—283 brls., Chatham & Phenix Nat Bank, Rotterdam; 200 bgs., Rep Stamping Co., Bristol; **Burnt**, 410 sks., H A Robinson & Co., Hull  
**COAL TAR DISTILLATE**—110 drs., Order, Liverpool  
**COBALT**—Metal, 12 bls., Haynes Steatite Co., Antwerp; 16 pgs., R Luber, Antwerp; 20 bls., Harshaw, Fuller & Goodwin, Antwerp; **Oxide**, 10 brls., B Drakenfeld & Co., Antwerp; 20 brls., Roessler & Hasslacher Chem Co., Antwerp; 11 brls., Harshaw, Fuller & Goodwin Co., Antwerp  
**COCHINEAL**—19 bgs., American Trdg Co., Liverpool  
**COLORS**—39 pgs., Sandoz Chem Works, Havre; 6 cks., W F Sykes & Co., Havre; 1 cse., B F Drakenfeld & Co., Havre; 17 cks., Amer Exch Pacific Nat Bank, Havre; 43 cks., 45 pgs., Ciba Co., Havre; 10 cks., 17 pgs., Carbic Color & Chem Co., Havre; 18 cks., 33 pgs., 1 can Ciba Co., Havre; 4 cks., Geigy Co., Havre; 41 cks., General Dyestuff Corp., Rotterdam; 4 cs., L Uhlfelder & Co., Bremen; 1 brl., W J Byrnes & Co., Marseilles; 2 drs., Amer Exch Pacific Nat Bank, Liverpool; **Bronze**, 8 cs., Davies Turner & Co., Bremen; 12 cs., Massee & Co., Bremen; 7 cs., Order, Bremen; 4 cs., L Uhlfelder & Co., Bremen; 17 cs., B F Drakenfeld & Co., Bremen; 1 brl., Am Exp Co., Bremen; 28 cs., B F Drakenfeld & Co., Bremen; 24 cs., B F Drakenfeld & Co., Bremerhaven; 52 cs., L Uhlfelder & Co., Bremerhaven  
**COPPER**—Sulfate, 840 bgs., 40 cks., Order, Cardiff  
**COPRA**—659 bgs., Order, Trinidad  
**DRUGS**—4 cs., R J Gates, Havre; 2 cks., R F Downing & Co., Havre; 5 brls., G W Sheldon & Co., Rotterdam; 10 cs., Order, London; 11 bgs., W Benkert, Hamburg

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**EXTRACTS**—Archil Liquor, 5 cks., W A Ross & Bro., Liverpool; 5 cks., J Campbell & Co., Liverpool; Legwood, 20 brls., 15 bxs., T S Todd & Co., Monte Cristi; Quebracho, 389 bgs., United Shoe & Leather Co., Buenos Aires

**FERRO MANGANESE**—148 cks., De Courcy Browne, Havre

**FLOWERS**—Rose, 7 bls., Order, Marseilles

**FULLER'S EARTH**—300 bgs., L A Salomon & Bro., London

**GELATINE**—8 cs., W E Miller, Havre; 160 bgs., H A Sinclair, Rotterdam; 30 cs., Am Exp Co., Rotterdam; 200 bgs., Heicke Gelatine Works, Bremen; 84 cs., P Puttmann, Rotterdam; 36 brls., 25 kegs, H A Sinclair, Rotterdam; 200 bgs., T W Dunn Co., Bremen; 100 cks., Schroeder Banking Corp., Bremerhaven

**GLAUBER SALTS**—250 bgs., H Hinrichs, Hamburg

**GLUE**—171 bls., British Bank of So America, Antwerp; 268 bgs., J J Shore Co., Rotterdam; 200 bgs., A F Roisson, Hull; 100 bgs., W G Miller, Antwerp; 100 bgs., C B Hewitt & Bros., Liverpool; 338 bgs., 22 cks., Order, Hamburg

**GLYCERIN**—110 drs., Order, Antwerp; 60 drs., Hercules Powder Co., Rotterdam; 50 drs., Order, Rotterdam; 110 drs., Marx & Rawolle, Marseilles; 100 drs., Order, London; 20 drs., Order, Marseilles; 50 drs., Core & Herbert, Dunkirk; Soap Lye, 60 drs., Core & Herbert, Rotterdam

**GUMS**—37 bgs., Order, Port Sudan; 97 bgs., Order, Marseilles; 86 bgs., Order, Antwerp; Arabic, 150 bgs., British Bank of So Amer., Port Sudan; 263 bgs., Order, Bremerhaven; Damar, 128 bgs., Guaranty Trust Co., Singapore; 50 cs., Brown Bros & Co., Singapore; 303 cks., Order, Singapore; Elemi, 140 cs., A Klipstein & Co., Manila; 108 cs., Guaranty Trust Co., Manila; 37 cs., Brown Bros & Co., Manila; 100 cs., Chartered Bank of India, Australia & China, Manila; Guaiac, 11 brls., Schutte & Focke, Azua; 28 cs., J J Julia & Co., Santo Domingo City; Kauri, 45 cs., Davies Turner & Co., Auckland; 45 cs., Baring Bros & Co., Auckland; 187 cs., Order, Auckland; Tragacanth, 32 cs., 27 bgs., A D Isbetherian, Constantinople; 23 cs., 9 bgs., Order, Constantinople

**HERBS**—10 pgs., J Schaefer, Bremen; 11 bls., Order, Trieste; 10 bls., W Benkert, Hamburg; 9 bls., R Eppler, Hamburg; Medicinal, 14 bgs., S B Penick & Co., London

**INDIGO POWDER**—407 brls., E I DuPont de Nemours Co., Kobe

**IRON CHLORIDE**—24 cks., Jungmann & Co., Hamburg

**IRON OXIDE**—30 cks., J A McNulty, Liverpool; 60 cks., E M & F Waldo, Liverpool; 4 cks., Reichard Coulston, Liverpool

**JUICE**—Licorice, 25 cs., Order, Marseilles; Lime, 21 cks., Park Benziger & Co., St. Lucia; 55 cks., Perry Ryer & Co., St. Lucia; 15 cks., Order, St. Lucia; 7 cks., Middleton & Co., Martinique; 4 cks., R Desvernine, Martinique; 100 cs., T A Hedley, Liverpool; 117 cks., Pacific South West Trust & Savings Bank, Dominica; 22 cks., Barclays Bank, Dominica; 19 hhds., Middleton & Co., Dominica

**LEAVES**—Henna, 207 bgs., Brown Bros & Co., Alexandria; 14 bgs., Order, Alexandria

**LIME**—Chloride, 238 drs., Order, Bremen; 252 drs., Order, Bremerhaven

**LITHOPONE**—40 cks., E M & F Waldo, Antwerp; 1,000 cks., Benj Moore & Co., Rotterdam

**MAGNESITE**—62 brls., A Kramer & Co., Rotterdam; 200 bgs., Innis Speiden & Co., Rotterdam

**MAGNESIUM**—Calcined, 50 cs., A Klipstein & Co., Hamburg; Carbonate, 25 cs., Order, Liverpool; Chloride, 368 drs., Innis Speiden & Co., Hamburg; 178 drs., Order, Hamburg

**MANGANESE**—18 cks., Intern Ores & Metals Selling Co., Havre

**MINERAL WHITE**—100 bgs., Whittaker Clarke & Daniels, Hull

**NAPHTHALENE**—500 bgs., Order, Rotterdam; 150 bgs., Innis Speiden & Co., Hamburg

**NEKAL PASTE**—5 cks., Kuttroff Pickhardt & Co., Rotterdam

**OCBRE**—80 brls., Allan Northridge, Marseilles; 200 brls., Lee Smith & Co., Marseilles; 616 cks., Reichard Coulston Inc., Marseilles; 93 cs., Order, Marseilles; 80 bgs., E M & F Waldo, Liverpool

**OILS**—Castor, 200 brls., Order, Hull; Codliver,

50 brls., H J Baker & Bros., Oslo; Eucalyptus, 209 cs., Order, Melbourne; 3 drs., Order, Melbourne; Fusel, 20 drs., Schenckers Inc., Hamburg; Mure, 200 brls., Grace Nat Bank, Seville; 50 brls., Ital Discount & Trust Co., Seville; 400 brls., Ital Discount & Trust Co., Seville; 500 brls., Smith Williams Oil Co., Seville; 125 cs., Moschides Bros., Seville; 500 cs., General Olive Oil Co., Seville; 100 cs., Pan Ital Comm Co., Seville; 100 cs., Banco de Sicilia Trust Co., Seville; 200 brls., W Schall & Co., Seville; 100 brls., Anglo So Amer Trust Co., Seville; 27 drs., 20 brls., F Crisafulli, Seville; 137 drs., Elysee Olive Oil Co., Seville; 1,592 cs., 100 brls., 250 drs., Briones & Co., Seville; 393 cs., La Montagne Inc., Southampton; 1,900 cs., F Romeo & Co., Leghorn; 204 cs., Latoraea Bros., Naples; 107 cs., Angiolli Bros., Naples; 125 cs., Nicelle Olive Oil Co., Marseilles; 230 cs., J Petrolcelli & Co., Genoa; 600 cs., R Piperno, Genoa; 100 cs., Victory Olive Oil Co., Genoa; 210 cs., G Sasso & Sons, Genoa; 400 cs., H Scaramelli, Genoa; 100 cs., Marino & Co., Genoa; Palm, 20 brls., Fisher Hollinsch Co., Rotterdam; 322 cks., African & Eastern Trdg Co., Opobo; 80 cks., G B Oliviant & Co., Opobo; 192 cks., African & Eastern Trdg Co., Port Harcourt; 75 cks., African Oil, Nut Oil, Lagos; 255 cks., African & Eastern Trdg Co., Cotonou; 149 cks., W N Porter, Cotonou; 790 tons, Order, Rotterdam; 28 cks., Order, Antwerp; 330 cks., W & A Leaman, Abonema; 129 cks., Irving Bank, Burutu; 207 cks., Irving Bk. Burutu; 66 cks., Irving Bank, Dunoe; 122 cks., Niger Co., Butri; 211 cks., Order, Liverpool; 38 cks., African & Eastern Trdg Co., Hamburg; Peanut, 5 brls., Lamont Corliss & Co., Rotterdam; Pine Oil Residue, 50 cks., A T Blackmann, Rotterdam; Rape, 150 brls., Vacuum Oil Co., Hull; 330 brls., Order, Hull; Sesame, 100 drs., J C Francesconi & Co., Rotterdam; 25 drs., Wilham Trdg Co., Rotterdam; Solvo, 15 drs., General Dvestuff Corp., Rotterdam; Sulfur, 500 brls., Heidelberg Ickelheimer & Co., Lisbon; 100 brls., Banca Comm Italiano, Messina; 250 brls., Order, Trieste

**OILS**—Essential, 3 cks., Guaranty Trust Co., Havre; 3 cs., F R Dreyer, Havre; 9 cs., Polak, Frutal Works, Rotterdam; 2 cs., W J Bush & Co., London; 20 cs., Order, London; 22 cs., Order, Marseilles; 1 drum, A Chris Co., Marseilles; 23 cs., W J Bush & Co., London; 8 cks., Order, Marseilles; Bay, 4 cs., R Moelhausen, Guadeloupe; 10 cs., R Moelhausen, St. Lucia; 4 cs., Park Benziger & Co., Dominica; 2 cs., Goldman Sachs & Co., Dominica; 3 cs., Planters Produce Co., Dominica; 2 cs., Gillespie & Co., Dominica; Cassia, 5 drs., Goldman Sachs & Co., Hongkong; 5 drs., Equit Trust Co., Hongkong; 5 drs., Brown Bros & Co., Hongkong; Copaiba, 61 cs., Order, Manao; Geranium, 4 cs., C G Euler, Marseilles; Jasmine, 1 cs., Justin DuPont, Havre; 5 cs., Antoine Chiris, Marseilles; Lemon, 182 cs., Dodge & Olcott, Messina; Lime, 4 cs., Park Benziger Co., St. Lucia; 12 cs., Dodge & Olcott, St. Lucia; 2 cs., Middleton & Co., Martinique; 2 cs., R Desvernine, Martinique; 4 cs., Dodge & Olcott Co., Dominica; 1 drs., 2 cs., Goldman Sachs & Co., Dominica; Orange, 4 cs., Dodge & Olcott Co., Dominica; 2 cs., Antoine Chiris, Marseilles; 20 cs., Order, Kingston; Vegetable, 6 drs., Anglo So Amer Trust Co., Seville; Vetiver, 1 cs., Guaranty Trust Co., Marseilles; Ylang Ylang, 5 cs., C G Euler, Marseilles

**PHARMACEUTICAL PRODUCTS**—11 pgs., G I Wallau, Havre; 44 cs., E Fougere & Co., Havre; 6 cs., H A Metz, Rotterdam; 5 cks., Winthrop Chem Corp., Rotterdam

**PHOSPHATE**—500 bgs., Order, Antwerp

**PINE TAR**—300 brls., White Sea & Baltic Co., Hamburg

**PITCH**—Montan, 900 bgs., Strohmeier & Arpe Co., Bremen

**POTASSIUM SALTS**—21 cks., P H Petry & Co., Bremen; 1 cs., Eissing Impgt Co., Bremen; 1,400 bgs., Potash Impgt Corp of America, Bremen; 15 cks., A Klipstein & Co., Hamburg; Carbonate, 97 cks., Parsons & Petit, Bremen; Caustic, 133 drs., A Klipstein & Co., Hamburg; Chlorate, 4,200 cks., Uniform Chem Products Co., Hamburg; Muriate, 2,000 bgs., Soc Comm des Potasses d'Alsace, Antwerp; 1,250 bgs., Potash Impgt Corp of America, Bremen; Nitrate, 370 bgs., 12 cks., Order, Hamburg

**PYRIDINE**—5 drs., Order, Manchester

**QUININE**—Phosphate, 1 cs., Merck & Co., Rotterdam

**ROCHELLE SALTS**—33 brls., W Neuburg, Rotterdam

**ROOTS**—77 bls., Order, Marseilles; Ipecac, 9 bgs., Ultramares Corp., Cartagena; 4 bgs., Colombia America Corp., Cartagena; 3 bgs., Hollingshurst & Co., Panama; 2 cs., Fidanque Bros & Sons, Panama; Rhubarb, 24 cs., S B Penick & Co., Shanghai

**SAL AMMONIAC**—100 cks., H Hinrichs Chem Corp., Rotterdam; 34 cks., A Klipstein & Co., Hamburg

**SALT**—1,232 cks., W A Hazard & Co., Liverpool

**SEED**—242 bgs., W Benkert, Hamburg; Anatto, 25 bgs., Comm Bank of Span America, Guayaquil; Caraway, 150 bgs., Catz America Corp., Rotterdam; 100 bgs., Diehl & Co., Rotterdam; 500 bgs., Order, Rotterdam; 100 bls., Hardick Dean & Co., Rotterdam; 300 bgs., Catz Amer Co., Rotterdam; 300 bls., Sokol & Co., Rotterdam; 300 bgs., Order, Rotterdam; Castor, 5,000 bgs., F Matarazzo, Santos; 3,000 bgs., Seaboard Nat Bank, Santos; 4,100 bgs., Bank of N Y & Trust Co., Santos; Flax, 2,611,967 kilos, Order, Rosario; 474,817 kilos, 19,762 bgs., Order, Ramallo; 4,511 bgs., L Dreyfus & Co., Santa Fe; 2,839,829 kilos, 15,159 bgs., Order, Santa Fe; 8,829 bgs., L Dreyfus & Co., Diamante; 15,767 bgs., Order, Diamante; Mustard, 156 bgs., Irving Bank, Columbia Trust Co., Rotterdam; 100 bgs., Bank of America, Rotterdam; 100 bgs., Catz Amer Co., Rotterdam; 150 bgs., Standard Bank of So Africa, Rotterdam; 150 bgs., W Schall & Co., London; 200 bgs., C Gulden, London; Poppy, 200 bgs., Irwin Harrison & Whitney, Rotterdam; 200 bgs., Hardick Dean & Co., Rotterdam; 100 bgs., C E Armstrong, Rotterdam; 100 bls., E M Sonnenstrahl, Rotterdam; 100 bls., Irwin Harrison & Whitney, Rotterdam; 150 bgs., Catz Amer Co., Rotterdam; 300 bls., R J Ireland Jr. Co., Rotterdam; 300 bls., Sokol & Co., Rotterdam; 100 bgs., Hardick Dean & Co., Rotterdam; 200 bgs., Order, Rotterdam; Rape, 150 bgs., Catz Amer Co., Rotterdam; 207 bgs., Order, Trieste; 400 bls., G W Sheldon & Co., Havre; Sesamum, 350 bgs., Sino Java Handels, Shanghai

**SENNA**—79 bls., Order, Colombo

**SHELLAC**—64 cs., C F Gerlach Rotterdam; 400 bgs., Irving Bank Columbia Trust Co., Calcutta; Garnet Lac, 100 cs., Order, Calcutta

**SILVER SULFIDE**—6 cs., Amer Metal Co., Calao

**SOAP**—500 bgs., J D Nordinger, Leghorn; 500 cs., C L Huisking Inc., Leghorn; 700 cs., Order, Leghorn; 157 cs., F Martin, Seville; 125 cs., Order, Piraeus

**SODIUM SALTS**—Acetate Anhydrous, 95 drs., Grasselli Dyestuff Corp., Rotterdam; Carbonate, 10 cs., Burroughs Wellcome & Co., London; Cyanure, 442 cans, Anglo South Amer Trust Co., Havre; Fluosilicate, 100 bds., H Sondheim, Rotterdam; Nitrate, 125 cks., Kuttroff, Pickhardt Co., Rotterdam; 6,565 bgs., E I DuPont de Nemours & Co., Iquique; 5,546 bgs., A Gibbs & Co., Iquique; 6,581 bgs., A Gibbs & Co., Antofagasta; Nitrite, 40 cks., R W Greeff & Co., Oslo; Sulfidate, 278 drs., C S Grant & Co., Hamburg; Prussiate, 31 cks., C Tennant Sons, Rotterdam; Silico Fluoride, 160 cks., Jungmann & Co., Hamburg; Sulfate, 91 cks., Order, Rotterdam; Sulfocyanide, 15 cks., Davies Turner & Co., Manchester; Sulfidate, 133 drs., C S Grant & Co., Rotterdam

**SPECIAL RED**—200 cks., Heemsoth Basse Co., Havre

**SPONGES**—9 bls., Atlas Sponge & Chamois Co., Nassau

**SULFUR LAC**—6 cks., McKesson & Robbins, Liverpool

**SUMAC**—350 bgs., Order, Palermo

**TARTAR**—122 bgs., C Pfizer & Co., Lisbon; 263 bgs., Royal Baking Powder Co., Marseilles; 307 bgs., C Pfizer & Co., Marseilles

**TEA WASTE**—622 bgs., Monsanto Chemical Works, London

**ULTRAMARE**—189 cks., Ault & Wiborg Co., Hull

**UMBER**—Raw, 200 cks., Dollar S S Line, Alexandria

**VALONEA**—4,295 bgs., Order, Smyrna

**VANILLA BEANS**—34 cs., G Lueders & Co., Havre; 47 cs., Order, Havre; 45 cs., P H Petry & Co., Southampton; 22 cs., Thurston & Braidd, Marseilles; 30 cs., Thurston & Braidd, Marseilles; 121 cs., P H Petry & Co., Marseilles; 19 cs., A Chiris, Marseilles; 13 cs., Frank Tea & Spice Co., Marseilles; 86 cs., Order, Marseilles

**VIROL**—26 cs., G C Cook & Co., London

**WAX**—300 bgs., Order, Lisbon; 9 bgs., J J Julia & Co., Azua; 9 bgs., Selma Mercantile Corp., Azua; 16 bgs., Mecke & Co., Azua; Bees, 99 cs., Order, Rotterdam; 145 pgs., Order, Lisbon; 30 bgs., Brown Bros



& Co., Alexandria; 13 bgs., Nat Bank of Commerce, Alexandria; 24 bgs., Order, Alexandria; 21 brls., D Steengate, Rio de Janeiro; 24 pgs., Order, Santos; Carnauba, 169 bgs., Order, Pernambuco; 136 bgs., Lazard Freres, Ceara; 458 bgs., Order, Ceara, Montan, 1,125 bgs., Strohmeier & Arpe Co., Bremen; 375 bgs., Strohmeier & Arpe Co., Bremen; 200 bgs., Strohmeier & Arpe Co., Hamburg; Spermaceti, 100 cs., Order, London  
**WOODELOUR**—400 bls., Order, Rotterdam  
**WOOL GREASE**—150 cks., 40 cs., Pfaltz & Bauer, Bremen  
**ZINC-Ammonium Chloride**, 130 cks., Intern Acceptance Bank, Rotterdam; White, 15 cks., E M & F Waldo, Rotterdam; 50 brls., Reichard Coulston Inc., Marseilles

### IMPORTS AT PHILADELPHIA

Feb. 10 to 17

**BARYTES**—66 casks, Order, Hamburg  
**BAUXITE**—2,250 tons, Aluminum Line, Georgetown  
**CELESTINE**—203 tons, 19 cwt., E I duPont & Co., Bristol; 260 tons, E I duPont & Co., Bristol  
**CHLORIDE-Sulfuryl**, 8 drums, Order, Hamburg  
**COCONUT-Dessicated**, 300 casks, Order, Colombo  
**COLOR**—1 cask, F Weber Co., Hamburg; 1 cask, G Ernen Johnson Co., Hamburg  
**FLUORSPAR**—380,235 kilos, Standard Bk of So Africa, Delagoa Bay  
**FULLER'S EARTH**—5 bags, Sun Oil Company, Antwerp  
**GLYCERIN**—Crude, 23 drums, Order, London; 40 drums, Order, Hamburg  
**IRON OXIDE**—25 casks, J McNulty, Manchester  
**MAGNESITE**—58,056 bags, Harbison-Walker Refrac Co., Trieste; 170 bbls., Order, Trieste  
**MAGNESIUM CHLORIDE**—363 drums, Order, Hamburg  
**PARALDEHYDE**—20 crates, Order, Hamburg  
**POTASH-Cyanide**, 1,000 cases, Order, Hamburg  
**POTASH**—10 casks, Order, Hamburg  
**PYRIDINE**—10 drums, Order, Hamburg  
**SAGE LEAVES**—18 bales, Brown Bros Co., Trieste  
**SHELLAC**—926 bags Order, Calcutta; Superfine, 50 bags, Inter Bank Corp., Calcutta  
**TAPIOCA FLOUR**—249 bags, Bk of N Y Tr Co., Batavia  
**ZINC CHLORIDE**—100 cases, Order, Hamburg

### IMPORTS AT BALTIMORE

Feb. 12 to 18

**AMMONIUM MURIATE**—100 casks, 63,140 lbs., Kuttroff, Pickhardt & Co., Inc., Rotterdam  
**BONE MEAL**—1,103 bags, Order, Hamburg  
**CASSIA**—357 packages, 28,281 lbs., McCormick & Co., Inc., Padang  
**CLAY-Fire**, 535 bags, 55,660 lbs., Standard Plate Glass Co., Antwerp

**IRON-Oxide**, 63 casks, E M & F Waldo, Inc., Manchester; 63 casks, E M & F Waldo, Inc., Liverpool  
**LOGWOOD**—1,257 tons, J S Young Co., Kingston  
**MAGNESITE**—23,707 bags, General Refractories Co., Trieste  
**MANGANESE ORE**—527 tons, W R Grace & Co., Coquimbo; 2,000 tons, W R Grace & Co., Coquimbo; 7,301 tons, Bethlehem Steel Corp., Poti; 8,000 tons, Bethlehem Steel Corp., Rio de Janeiro  
**OIL-Etheral**, 1 package, Pyrodocto Co., Hamburg; Mineral, 1 case, 31 lbs., Samuel Shapiro & Co., Rotterdam; Palm, 50 bbls., 22,678 lbs., Baltimore Butterine Co., Rotterdam; Sod, 139 casks, Baltimore and Ohio railroad, Liverpool  
**PEPPER, WHITE**—136 bags, 21,047 lbs., McCormick & Co., Hamburg  
**POTASH**—19 casks, F H Shallus Co., Hamburg; Kainit, 401,016 lbs., Potash Importing Corp., Chifuku Maru, Hamburg; Manure Salt 30%, 854,711 lbs., Potash Importing Corp., Hamburg; 400,693 lbs., Potash Importing Corp., Hamburg; Muria, 30,400 bags, 5,928,690 lbs., Potash Importing Corp., Hamburg; 9,680 bags, 1,788,228 lbs., F H Shallus Co., Chifuku Maru, Hamburg; Nitrate, 80 casks, 46,288 lbs., Harshaw, Fuller & Goodwin Co., Antwerp; 1,900 bags, 200,948 lbs., Potash Importing Corp., Hamburg; Sulfate, 4,000 bags, 805,792 lbs., Potash Importing Corp., Hamburg  
**SODIUM NITRATE**—5,569 bags, W R Grace & Co., Iquique; 9,855 bags, W R Grace & Co., Iquique; 5,540 bags, W R Grace & Co., Iquique; 5,461 bags, W R Grace & Co., Iquique; 19,614 bags, W R Grace & Co., Iquique; 12,862 bags, W R Grace & Co., Iquique; 7,736 bags, W R Grace & Co., Iquique; 19,105 bags, W R Grace & Co., Iquique; 5,590 bags, W R Grace & Co., Iquique; 205 bags, R W Greeff & Co., Inc., New York, Tonsberg; 28,004 bags, 22,042,38 quintals, Anglo South American Trust Co., Inc., Iquique; 28,536 bags, 22,042,38 quintals, Anglo-South American Trust Co., Inc., Iquique; 19,916 bags, 15,378.41 quintals, Anglo-South American Trust Co., Mejiillones; 19,783 bags, 15,378.41 quintals, Anglo-South American Trust Co., Mejiillones; 428 bags, 335.02 quintals, John S. Connor, Mejiillones  
**SEED-Mustard**, 600 bags, 50 tons, McCormick & Co., West Noske, Liverpool

### IMPORTS AT SAN FRANCISCO

Feb. 6 to 13

**ARSENIC**—1,000 cases, Willits & Co., Kobe  
**CHEMICALS**—25 casks, Braun, Knecht, Heilmann, Hamburg; 16 casks, Order, Hamburg; 27 drums, Order, London  
**CHILLIES**—200 bags, Willits & Co., Kobe; 300 bags, Paul I. Fagan & Co., Kobe  
**CLAY**—200 bags, Moore & Munger, London  
**COPPER SULFATE**—27 casks, L H Butcher & Co., Manchester  
**FULLER'S EARTH**—250 bags, Balfour, Guthrie & Co., London

**IRON OXIDE**—25 bbls., Order, London  
**OILS**—Linseed, 108 drums, Order, London; Olive, 795 cases, Order, Leghorn; 50 cases, L. Pardini & Co., Genoa; 250 cases, H. Janssen Co., Genoa; 25 cases, Matteuci Bros. Bianchini Co., Genoa; 25 cases, Maillard & Schmiedell, Rotterdam; Peanut, 200 bbls., Mitsui & Co., Tsingtau; Soya Bean, 667.41 tons, Order, Dairen  
**SEEDS**—160 bags, C C Morse & Co., Rotterdam; 31 bags, United Seed Co., Rotterdam; 54 bags, Hoyt, Shepston & Sciaroni, Rotterdam; Hemp, 350 bags, Balfour, Guthrie & Co., Dairen  
**TARTAR**—1,013 bags, American Cream Tartar Co., Bordeaux

### IMPORTS AT NEW ORLEANS

Feb. 12 to 19

**BAUXITE**—2,008 tons, Republic Mining Co., Georgetown  
**COPRA**—2,508 tons, Procter & Gamble, Manila  
**FULLER'S EARTH**—5,500 bags, Order, London  
**MOLASSES**—1,300,000 gallons, Cuba Distilling Co., Cienfuegos  
**OCHRE**—554 sacks, Order, Marseilles  
**OIL—Olive**, 2,185 cases, Order, Barcelona; Same, 25 drums, Order, Rotterdam  
**SALT**—1,250 sacks, Order, Manchester

### IMPORTS AT BOSTON

Feb. 13 to 20

**ACID-Tartaric**, 300 bgs., Order, Rotterdam  
**COLOR-Aniline**, 6 kegs, Dyestuffs Corp of America, Liverpool; 3 cs., Dyestuffs Corp of America, Liverpool  
**CREOSOTE**—100 cks., Order, Glasgow  
**EXTRACT-Quebracho**, 4,780 bags, Dominion Bank, Buenos Aires  
**FULLER'S EARTH**—40 cs., Lever Bros., London  
**GAMBIER**—52 cs., Order, Singapore  
**GLAUPEL SALTS**—132 bbls., Imp Corp of America, Hamburg; 250 bgs., Order, Rotterdam  
**OIL**—Cod, 8 cks., Marden Wild Corp., Halifax; 200 bbls., F L Young, Halifax; 100 bbls., Wm. Litchfield, Halifax; 100 bbls., Salem Oil & Grease Co., Halifax; Palm, 420 cks., Irving Bank & Columbia Trust Co., Africa; Cod Liver, 10 bbls., B S Snow Co., Stavanger; 10 bbls., Atlantic National Bank, Stavanger  
**LITHOPONE**—190 cks., Brown Bros., Rotterdam; 120 cks., A Klipstein & Co., Antwerp  
**POTASH**—Caustic, 52 drums, National Shawmut Bank, Hamburg; Muriate, 5,000 bgs., Potash Imp. Corp of America, Hamburg  
**STICKLAC**—326 bgs., E S Parks Shellac Co., Singapore; 1 bg., Patterson Wyde Co., Singapore  
**TRAGASOL**—150 cks., J P Marston Co., Liverpool  
**WOOLGREASE**—100 bbls., J S Bent Co., Liverpool

### GERMAN SOAP PLANT LOSES \$248,968

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Feb. 20—The Sunlicht-Gesellschaft Aktiengesellschaft, Rheinau-Mannheim, Baden, the largest manufacturer of glycerin, household soap, soap powders, toilet soap and candles in Germany, which was originally a branch of the English house of Lever Brothers, Ltd., Port Sunlight, England, has published an extract from the annual statement for the business year ended June 30, 1925, showing a loss of marks 1,046,086.00 (\$248,968.46). This loss is attributed to the heavy expenses incurred at the beginning of the stabilization of the German mark, also to high taxes paid to the estate and city governments.

The managing director made a statement at the meeting of stockholders that the condition of the concern in spite of the reverses suffered during the year is still good and that the business prospects for the new year are satisfactory.

At the organization meeting of the directors of General Chemical Co., held at the New York office Feb. 18,

the following officers were elected: Chairman of the Board, Wm. H. Nichols; general counsel, Sanford H. Steele; president, W. H. Nichols, Jr.; vice-presidents, James L. Morgan, Charles Robinson Smith, Everett B. Bragg, John M. Goetchius, and Nelson A. Howard; secretary, James L. Morgan; and treasurer, Lancaster Morgan.

Sustaining protests of Harrower Laboratory, Los Angeles, the Board of U. S. General Appraisers rules that certain powdered glands were incorrectly assessed for duty at 10 per cent under paragraph 34 and 25 per cent under paragraph 5, respectively, 1922 Tariff Act. The protestant contended for free entry under the provisions of paragraph 1567, same act, which contention is upheld by the Board.

Crude drug business in Russia is very brisk at this time, says the "New York Journal of Commerce." This is particularly true of ergot, lycopodium and valerian and has resulted in price advances. The market for ergot is now 25 to 30 rubles per pood; lycopodium for export, 44 rubles per pood, and valerian 20 to 30 rubles per pood.



# Foreign Trade Opportunities

The Department of Commerce, Washington, D. C., has received the following inquiries for drugs, chemicals and accessories. Reserved addresses may be obtained from the Bureau and its district and cooperative offices. Request for each opportunity should be on a separate sheet and state opportunity number. The Bureau does not furnish credit ratings or assume responsibility as to the standing of foreign inquirers; the usual precautions should be taken in all cases

Ash, soda; and alkali .....	18767	Habana, Cuba .....	Purchase
Benzol, 500 gallons per mo.	18799	Durban, South Africa.	Purchase
Chemicals .....	18720	Rio de Janeiro, Brazil ..	Agency
Do .....	18770	Santiago, Chile .....	Agency
Chemicals, heavy .....	18771	Berlin, Germany .....	Agency
Extracts, essential oils, and			
perfume bases .....	18721	Chihuahua, Mexico .....	Purchase
Paints and varnishes .....	18769	Valencia, Spain .....	Agency
Rosin .....	18768	Osaka, Japan .....	Purchase
Do .....	18786	Montevideo Uruguay ..	Purchase
Drugs and botanical herbs.	18796	Bombay, India .....	Purchase
Medicines and pharmaceu-			
ticals .....	18770	Santiago, Chile .....	Agency
Perfumes .....	18726	Nairobi, East Africa....	Agency
Perfumery and toilet arti-			
cles .....	18749	Adelaide, Australia ..	Agency
Toilet preparations .....	18793	Lourenco Marques, Portu-	
		guese East Africa .....	Agency
Aniline salts .....	18816	Prague, Czechoslovakia ..	Agency
Borax and bleaching mat-		Cairo, Egypt .....	Agency
erial .....	18859	Helsingfors, Finland ..	Agency
Chemicals, heavy .....	18813	Calcutta, India .....	Purchase
Chemical specialties .....	18902	Barcelona, Spain .....	Agency
Chemicals, dyestuffs .....	18815	Mexico City, Mexico ..	Agency
Petroleum disinfectants ..	18842	London, England .....	Purchase
Finamel, vitreous, white ..	18879	Manchester, England ..	Purchase
Lined oil substitutes .....	18812	Cartagena, Colombia ..	Purchase
Matches, 1,000 cases .....	18906	Bagdad, Iraq .....	Purchase
Matches, safety .....	18817	do .....	Agency
Rosin and shellac .....	18814	Harbin, China .....	Purchase
Drugs and prepared medi-			
cines .....	18814	Habana, Cuba .....	Agency
Perfumes .....	18859	Colombo, Ceylon .....	Purchase
Pharmaceutical specialties.	18902	Barcelona, Spain .....	Agency
Baking powder materials ..	19003	Dublin, Ireland .....	Purchase
Beverage-manufacturing			
chemicals .....	19008	Colombo, Ceylon .....	Purchase
Borax and calcium biphos-			
phate .....	18957	Stockholm, Sweden .....	Purchase
Carbon black .....	19006	Hamburg, Germany .....	Purchase
Chemicals for tanning in-			
dustrial .....	18991	Vienna, Austria .....	Agency
Chemicals, textile and in-			
dustrial .....	18920	Helsingfors, Finland ..	Agency
Eyes, aniline .....	18930	Prague, Czechoslovakia ..	Agency
Oil, linseed and wood .....	19002	Hamburg, Germany .....	Purchase
Photographic chemicals ..	19006	Jerusalem, Palestine ..	Purchase
Rosin and turpentine .....	18955	Genoa, Italy .....	Agency
Rosin and turpentine .....	18957	Stockholm, Sweden .....	Purchase
Rosin and turpentine .....	18958	Vienna, Austria .....	Agency
Rosin and turpentine .....	19006	Hamburg, Germany .....	Purchase
Sal ammoniac .....	18929	Helsingfors, Finland ..	Agency
Soda, chromate and bichro-			
mate .....	19007	Strasbourg, France .....	Purchase
Spermaceiti .....	19004	Dresden, Germany .....	Purchase
Medicines, prepared .....	18928	Copenhagen, Denmark..	Purchase
Toilet preparations .....	18954	Stockholm, Sweden .....	Agency
Borax, alum, and copper			
sulfate .....	19014	Bombay, India .....	Purchase
Insecticides .....	19015	London, England .....	Agency
Chemicals .....	19043	San Salvador, Salvador..	Agency
Copper sulfate crystals ..	19088	Dalmatia, Yugoslavia..	Purchase
Drugs, toilet preparations,			
perfumes .....	19043	San Salvador, Salvador..	Agency
Dyes, textile chemicals ..	19049	Singapore, Straits Set-	
		tlements .....	Purchase
Paints, oil .....	19018	Rio de Janeiro, Brazil ..	Agency
Paints, enamels, and var-			
nishes .....	19036	Santiago, Cuba .....	Agency
Rosin, industrial chemicals.	19100	Calcutta, India .....	Purchase
Rosin, turpentine .....	19013	Milan, Italy .....	Purchase

Perfumed soap, wax covered, in the form of artificial fruits, is dutiable at the rate of 30 per cent ad valorem under paragraph 82, tariff act of 1922, as toilet soap, rather than at 60 per cent under the provision for artificial fruit of whatever material composed, in paragraph 1419 of the same act, the Board of United States General Appraisers decides. The action of the collector in assessing duty at the 60 per cent rate is therefore set aside.

## EUROPE BUYS AMERICAN PHOSPHATES

(Continued from page 546)

the industry, gives the following statistics of the deliveries made since 1921:

1921:	8,613 metris tons
1922:	80,140 metric tons
1923:	190,860 metric tons
1924:	430,340 metric tons
1925:	720,688 metric tons

The following table shows the deliveries by quantities and countries of destination for the last three years:

Shipments	1923	1924	1925
Spain .....	60,136	108,564	145,538
Netherlands .....	51,504	77,875	96,047
France .....	24,875	113,476	145,540
United Kingdom ..	17,493	30,228	35,555
Italy .....	11,622	8,796	47,662
Sweden .....	8,848	—	—
Norway .....	—	3,367	5,831
Belgium .....	5,119	11,313	25,101
Czechoslovakia ..	4,394	14,175	34,896
Portugal .....	4,707	1,678	2,066
Switzerland .....	1,476	5,729	7,571
Germany .....	265	7,680	74,624
Morocco .....	218	437	9,341
Denmark .....	203	33,108	60,244
Hungary .....	200	1,570	3,000
Yugoslavia .....	—	6,074	6,713
Austria .....	—	—	3,400

France has continued to be the principal purchaser, but Spain has approached to within two tons of the total receipts in France. The capital gain in 1925 has been the success of the efforts to augment shipments to Central Europe. Important increases are noted in the tonnages shipped to Germany, Czechoslovakia, Denmark and Holland. Only 9,431 tons were utilized by Morocco, but this was far in excess of the consumption for previous years.

## Phosphate Prices in Paris

At the beginning of the year, African phosphates were quoted at Paris as follows: 63/68 f. o. b. 1f, 15 per unit; 58/63 f. o. b. 1f, 05 per unit. Moroccan phosphates were quoted: 75/77 f. o. b. 1f, 75 per unit, price clear of railway freight. (Value of franc, \$0.385). Florida phosphates were quoted: hard dock, 77/76 Feral 2%, delivered at Fernandina, \$8.50 per long ton; land pebble, 68% Tampa, \$3.00 per long ton; 75/74% Port Tampa, \$5.25 per long ton; 77% Boca Grand, \$5.75 per long ton. The quotation for Morocco phosphate would be equivalent to \$5.12 per long ton, which aside from the higher ocean freight on the American product, is substantially below the prices for the latter.

The following are the official French statistics covering imports of phosphate into France during the first eleven months of the years, 1925, 1924 and 1923.

Country of Origin	1925	1924	1923
Belgium-Luxemburg ..	4,745	5,683	6,586
Algeria .....	165,128	223,225	156,133
Tunis .....	883,676	859,875	998,283
United States .....	5,897	9,525	30,029
Morocco .....	109,907	90,769	26,552
Other countries .....	15	1	550
	1,169,366	1,189,071	1,218,133

Under section 179 ter of the French Tariff schedules phosphate, when destined for use in the manufacture of fertilizers, is exempt from duty.

# Drug & Chemical Patents

## Patents Granted February 16, 1926

- 1,572,902—Turpentine substitute and process of manufacturing. Clayton C. Monger, Camden, Ark.
- 1,572,933—Process for the manufacture of certain albumins and fatty matters. Maurice Kahn, assignor to Societe' Francaise des Produits Alimentaires Azotes, Paris, France.
- 1,572,944—Process of softening water. Martin F. Newman, assignor to William B. Scaife & Sons Co., Oakmont, Pa.
- 1,572,952—Drying calcium hypochlorite compounds. Gustav Pistor, Griesheim-on-the-Main, Germany, assignor to Chemische Fabrik Griesheim-Elektron, Frankfort-on-the-Main, Germany.
- 1,573,017—Process of obtaining powders of great fineness. Emil Podzus, Berlin-Friedrichshagen, Germany.
- 1,573,025—Apparatus for separating hydrocarbons. Willard C. Averill, Jr., Houston, Tex.
- 1,573,036—Face powder box. Annie Bowman, Los Angeles, Calif.
- 1,573,056—Process of preparing 1,8-amino-naphthol sulphonic acids. Ivan Gubelmann and John M. Tinker, South Milwaukee, Wis., assignors to the Newport Company, Carrollville, Wis.
- 1,573,061—Abrasive article and method of making same. Miner L. Hartmann, assignor to the Carborundum Co., Niagara Falls, N. Y.
- 1,573,062—Spinning viscose. Jacques Coenraad Hartogs, Arnhem, Netherlands.
- 1,573,147—Cap for bottles and the like. John W. Drewitz, Chicago, Ill.
- 1,573,169—Process of purifying gas-house liquor. Edward W. Keith, assignor to General Metals Recovery Co.
- 1,573,177—Process for the sterilization and clarification of liquids. William McComb, New York, N. Y., and Wilbert A. Heyman, Habana, Cuba.
- 1,573,204—Liquid treating apparatus. Inos B. Tanner, assignor to Joseph E. Nelson & Sons, Chicago, Ill.
- 1,573,233—Process for treating zinc sulphate. Robert B. Eldridge, Denver, Colo.
- 1,573,259—Process for producing borax and sodium bicarbonate from lake brines. Morris V. Lowry, Santa Maria, Calif., assignor to West End Chemical Co., Oakland, Calif.
- 1,573,338—Collapsible tube closure. Christian C. Warth, Spokane, Wash.
- 1,573,356—Method of shaping sheet pyroxylin. Earl R. Person, Leominster, Mass., assignor to the Viscoid Co.
- 1,573,370—Method and apparatus for continuous distillation of tars and oils. Erwin Blummer, Berlin-Charlottenburg, Germany.
- 1,573,373—Process and apparatus for bolting carbon black. Walter C. Cassell and Carl K. Springfield, assignors of one-half to the Texas Carbon Industries, Inc., Breckenridge, Texas.
- 1,573,375—Process for manufacturing colloidal compounds of arsenic. August Chwala, Vienna, Austria, assignor to Oderberger Chemische Werke, Aktiengesellschaft, Oderberg, Czechoslovakia.
- 1,573,385—Treatment of earthy minerals. William Feldenheimer, London, England.
- 1,573,490—Insecticidal composition of matter. Carl Nelson Hand, Nitro, W. Va., assignor to the Rubber Service Laboratories Co., Akron, Ohio.
- 1,573,509—Process of producing highly adsorbent charcoal. Ernest Bateman, Madison, Wis., assignor to the United States of America.
- 1,573,537—Paint and varnish remover. Guido Blenio, assignor to Proofing Laboratories, Inc., New York, N. Y.
- 1,573,595—Dye composition. Edward J. Wall, Wallaston, and Daniel F. Comstock, Boston, Mass., assignors to Kalmus, Comstock & Wescott, Boston, Mass.
- 1,573,603—Process of making heavy basic carbonate of magnesium. Bertrand B. Grunwald, Alameda, Calif.
- 1,573,604—Process of making light carbonate of magnesium. Bertrand B. Grunwald, Alameda, Calif.
- 1,573,605—Manufacture of azo dyestuffs. Fritz Gunther, assignor to Badische Anilin- & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany.
- 1,573,632—Process for producing light basic magnesium carbonate. Russell B. Crowell, assignor to Western Industries Co., Agnew, Calif.
- 1,573,679—Paraffin cleaner. Arthur Smith Crosby, Marland, Okla., assignor to American Iron & Machine Works, Inc., Tonkawa, Okla.
- 1,573,687—Malt syrup and process of preparing the same. Harry E. Dubin, assignor to Herman E. Metz, New York, N. Y.
- 1,573,687—Denatured alcohol. Henry C. Fuller, Washington, D. C.
- 1,573,698—Denatured alcohol. Henry C. Fuller, Washington, D. C., assignor to Union Carbide and Carbon Research Laboratories, Inc., Long Island City, N. Y.
- 1,573,731—Receptacle containing volatile or inflammable liquids such as benzene and other hydrocarbons. Martinus Adrianus Meijer, The Hague, Netherlands, and Richard vom Feld, Brunswick, Germany.
- 1,573,732—Method of making calcium cyanide and product thereof. Floyd J. Metzger, assignor to the California Cyanide Co., Inc., New York, N. Y.
- 1,572,761—Process of treating gilsonite. Charles N. Forrest, Rahway, N. J., assignor to the Barber Asphalt Co., Philadelphia, Pa.
- 1,573,765—Gilsonite products. Charles N. Forrest, Rahway, N. J., assignor to the Barber Asphalt Co., Philadelphia, Pa.
- 1,573,766—Liquid dispensing device. Frank A. Howard, Elizabeth, N. J., assignor to the Standard Development Co.

## 9,000,000 TONS OF SULFURIC DUMPED

### Annual Waste In Pennsylvania Polluting Water Supply of State

The pollution of streams by drainage of acid waters admits of no easy solution, according to a report by R. D. Leitch, associate chemical engineer, to the Director of the Bureau of Mines, Department of Commerce.

More than 9,000,000 tons of sulfuric acid, having its source in waste mine waters, is being dumped annually into the streams of Pennsylvania alone, says Dr. Leitch. Drainage from other states on the Ohio river watershed would double this figure. Pennsylvania is admittedly the state most affected by the pollution of streams by acid mine drainage. Ohio and West Virginia are also seriously affected. Of more than 300 mines examined in Pennsylvania, only 4 mines showed water which was not acid.

According to information gathered by the American Water Works Association, there are 250 water supplies widely distributed in the United States and Canada that are affected by industrial wastes. Twenty-five different kinds of wastes were included in this survey, but acid mine drainage is said to be responsible for affecting more than 100 of the 250 water supplies. Pennsylvania alone is said to have 138 water supplies affected by industrial wastes, 96 being from acid mine wastes.

## SEES DECORATIVE USE OF LACQUERS

### Research Director of U. S. Industrial Alcohol Co. Divides Solvents Into Three Classes

Dr. D. B. Keyes, director of research of U. S. Industrial Alcohol Co., Baltimore, in a talk on "Solvents for Lacquers" to the St. Joseph Valley Section of the American Chemical Society, South Bend, Indiana, recently, said in part:

"Lacquer solvents are divided into three physical types: (1) Low boilers—as ethyl alcohol and ethyl acetate. (2) Medium boilers—as butyl alcohol and butyl acetate. (3) High boilers—as ethyl lactate and butyl propionate. The function of the low boilers is to dissolve with a resultant low viscosity so as to make application easy; but the low boiler must not have too high a vapor pressure or evaporation will take place too rapidly leaving a weak film; acetone for this reason is unsatisfactory. Medium boilers impart flow. Diethyl carbonate ranks very high in this class and is used largely as a substitute for butyl acetate, which has a decidedly objectionable odor. The high boilers serve to produce a non-blushing film and give gloss to the final flow. Ethyl alcohol being both an alcohol and ester and a remarkable solvent for resins or nitro cellulose is a very desirable solvent in this class. As little as 5% gives marked effects on the final film."

## DRUG & CHEMICAL MARKETS

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### GERMANY ENCOURAGES USE OF FERTILIZER

The nitrogen industry in Germany will receive assistance from the German government in the financing of sales during the coming agricultural season. The budget committee of the Reichstag has decided that the government shall guarantee the payment for nitrogen fertilizers, bought subsequent to the guarantee and sold on credit terms, up to 30,000,000 marks. It has been settled that one-third of deliveries to the value of 135,000,000 marks shall be paid in cash, and grace given for the 90,000,000 marks remaining.

As only one-third of the 90,000,000 marks is guaranteed by the government, the other two-thirds has been secured by British and German insurance companies. This action is supposedly taken to assure fertilization and good crops next year, but it may be in connection with a drive of nitrogen producers to force the German consumer to take more nitrogen than hitherto.

Ford Motor Co. last year added to the list of varied products manufactured at its River Rouge plants, and substantially increased the output of several. The 1925 tractor production increased to 104,168 from 83,010 in 1924. Glass output increased 66%, and paper 38% over preceding year's production. Benzol showed increase. The benzol output in 1925 was 6,763,166 gallons compared with 6,300,000 in 1924, ammonium sulfate 18,833,806 lbs. in 1925 against 19,100,000 lbs. in 1924; gas 8,338,447,000 cubic feet against 8,700,000,000 in 1924; paper, 4,628,700 lbs. against 3,355,000 lbs. in 1924; coke, 583,796 tons against 600,000 tons in 1924; coal-tar 6,123,879 gallons against 6,300,000 gallons. The output of crushed slag in 1925 was 243,758 tons.

Potash deposits in Texas are treated in a pamphlet issued by the U. S. Geological Survey and Senator Morris Sheppard of Texas will push a bill appropriating \$550,000 a year for some years to make a thorough investigation by the U. S. Geological Survey and the Bureau of Soils. The bill died in the House during the last session after passing the Senate. It is likely to meet favor this term. Test wells are to be put down with accurate readings of the core and the exact depths at which the salts lie. Lack of funds has hampered development.

Rapid growth of the artificial silk industry of Italy is one of the most striking features of the industrial situation in that country. The Italian factories, which only came into existence 14 years ago, now hold the second place in world production, ranking immediately after those of the United States. Output of Italian artificial silk amounted to 4,600,000 kilograms in 1913, and is estimated at 25,000,000 kilograms for 1925. One company alone estimates its output for the current year at 9,000,000 kilograms, as compared with 5,301,426 in 1924 and 2,994,274 in 1923.

John G. Mason, formerly with H. J. Baker & Brother and previously associated with the Ralph L. Fuller interests, has sold to Louis K. Liggett Co. the Lincoln Drug Company, Miami Beach, Fla., which he organized two years ago. The Liggett people take over the business on March 8, and Mr. Mason, who intends to retire, will spend the coming summer with Mrs. Mason in Europe.

Broaddus Johnson, president and general manager of Dipit Co., manufacturers of household dyes, was operated on for appendicitis on Feb. 20 at the Orange (N. J.) Memorial Hospital, and is reported making satisfactory progress towards recovery.

### Du PONT SEES GOOD BUSINESS AHEAD

Irene du Pont, president of E. I. du Pont de Nemours & Co., Inc., criticised excessive land speculation in a recent interview, saying:

"If this should grow to an unreasonable extent it would be likely to interfere with the delicate balance of the economic structure. Personally, I think that the increase in values of a considerable part of Florida real estate is well warranted; previously land was selling at too low values in those districts with which I am familiar. Undoubtedly there is much land which is selling too high, so that this should not be construed as a recommendation to buy Florida real estate.

"Here in the United States we see no top-heavy stocks indicative of over-production in any specific line. That kind of situation has at least sometimes been the cause of 'panicky' conditions that were the immediate cause of hard times in earlier cycles. There seems to be no indication of issuance of an oversupply of money or credits, with resulting inflation of prices, such as recently happened in Germany. There does not seem to be any legislation in prospect like that recently proposed in France, that is, a capital levy, which would drive all liquid capital out of the country.

"With the possible exception of the anthracite situation, there is no evidence labor unions are going to restrict production as they have done in England, which of necessity must result in less consumption and a consequent lowering of the standard of living."

The supply of shellac in Boston has increased under the light demand of late and prices have broken noticeably. Demand for alcohol has also been light and prices are lower. The general demand for chemicals continues of fair proportions, but competition is keen and prices are low. An increased interest is manifest by tanners and in some instances it has developed into actual business. The demand from shoe factories is light. On the whole, however, the chemical market is considerably better than it was a year ago. That business in textiles has taken another revival is conclusively shown by the increase in the amount of machinery in operation. The demand for dyestuffs is better.

The establishment of a successful superphosphate business was referred to at the annual general meeting of the Electrolytic Zinc Co. of Australasia at Melbourne recently, says "Chemical Age," London. The company had been able to meet all demands and the grade produced had won universal approval. The firm was co-operating with the Tasmanian Government in propaganda on the possibilities of superphosphates in agriculture. The zinc industry was progressing satisfactorily.

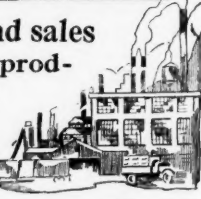
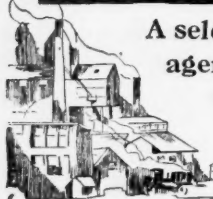
Charles T. Poppe, assistant treasurer of G. Siegle Corp. of America, Rosebank, Staten Island, N. Y., died on Feb. 2 at his home, 617 Carrol st., Brooklyn. He was 52 years old. Over twenty-five years ago he was identified with the dry color industry when in the employ of A. W. Smith, Ltd., at 79 Duane st., New York, he introduced to the trade the fine lake and dry colors manufactured by G. Siegle & Co., Stuttgart, Germany. The funeral held on February fifth was attended by the Siegle executives and business associates. Interment was in Greenwood Cemetery, Brooklyn.

Monsanto Chemical Works, according to a statement issued by John F. Queeny, president, enjoyed its best year since 1920 during 1925. The total tonnage sold last year was double that of 1920, and the business already booked over 1926 exceeds that of 1925.



# Local Spot Stocks

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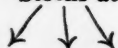
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**SEALED BIDS** are wanted until March 2 by the chief of air service, U. S. Army, Washington cir. 26103, for 1000 gals. acetone for use in airplane dope, also 4,000 gals. methyl acetone.

**ANNUAL SUPPLIES**—Sealed bids will be received until March 3 by the general supply committee, Treasury Department, Washington for annual supplies as may be ordered from time to time during the fiscal year for use by executive departments & certain other establishments of the government under classes as follows Class 4—Drugs Medicines & Chemicals; Class 8—colors, pigments, linseed oil and gold leaf

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**TRADE MARK FORMULA FOR SALE**—Formula for cleansing radiators of internal combustion engines, sale or royalty basis. Removes rust, sediment and deposits from radiator tubes & water jackets. Employs inexpensive chemicals easily mixed. Name "Coolene" registered Patent Office, Number 206590. Box 385 **DRUG & CHEMICAL MARKETS**.

**TRADE MARK FORMULA FOR SALE**—Formula for cleansing radiators of internal combustion engines, sale or royalty basis. Removes rust, sediment and deposits from radiator tubes & water jackets. Employs inexpensive chemicals easily mixed. Name "Coolene" registered Patent Office, Number 206590. Box 378 **DRUG & CHEMICAL MARKETS**.

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**FLAVORING EXTRACT** Chemist widely experienced along Imitation Flavors, True Fruit Concentrates, Emulsions, Syrups and allied products, for the bottling trade, bakery, ice cream and household uses, is open for proposition from progressive firm. Address Box 396, **DRUG & CHEMICAL MARKETS**.

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**CHEMIST & PERFUMER**—Married man with pharmaceutical education, thoroughly experienced and capable of manufacturing and assembling a full line of household and veterinary remedies, flavoring extracts, cosmetics, perfumes and toilet preparations, for a large mid-west concern. Must have a thorough knowledge of bottling labelling and packaging and be fully competent to direct and manage laboratory help. State age, height, weight, salary expected, with full details of past experience and give references and names of past employers in first letter. Box 397, **DRUG & CHEMICAL MARKETS**.

**WANTED**—Capable stenographer. One familiar with chemical terms preferred. Write full particulars. Box 395, **DRUG & CHEMICAL MARKETS**.

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**OPPORTUNITY**—Large pharmaceutical firm wants man experienced in writing medical copy for advertisements, booklets and lodge organs reaching physicians. Medical education or knowledge of pharmacy and chemistry will help. Give age, experience and references. Box 374 DRUG & CHEMICAL MARKETS.

**AN UNUSUAL OPPORTUNITY FOR A CHEMIST**—A manufacturer of proprietary articles with a world-wide distribution is looking for a man with the following qualifications. Must be experienced pharmaceutical chemist with ability to head up a division of research on new products. Must know the needs of the proprietary field so that he can create new formulae and assist advertising and sales departments in putting them on the market. Must be able to conduct clinical investigations and test-selling campaigns. Give training, experience and all details in first letter. Address Box 373 DRUG & CHEMICAL MARKETS.

**THE PROCESS DIVISION** of the Atlantic Refining Company, located in Philadelphia, has several openings in organic research, and plant development work for chemists, chemical engineers and mechanical engineers of from one to three years' practical experience, not necessarily in petroleum. Graduate work will be considered as a substitute for practical experience. Applicants must be graduates of recognized technical colleges. Please tabulate reply, giving details as to age, marital state, nationality, education (schools attended and degrees obtained) experience (names of concerns, type of work and reasons for leaving), references. We should appreciate receiving a snap shot or other photograph of the applicant, which will be returned if desired. Application should be typed if possible, and addressed to "Office Personnel Division, The Atlantic Refining Company, 260 South Broad Street, Philadelphia, Penna."

**Help Wanted**

**AN ESTABLISHED NEW YORK HOUSE** wants a sales director experienced directing sales of pharmaceuticals, specialties, ampules, glandulars, etc., to physicians. A good position for a high-grade competent man. Write qualifications and experience in confidence to Box 337 DRUG & CHEMICAL MARKETS.

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**Miscellaneous**

**CHEMICAL PERIODICALS**—Chemical Abstracts, Chemical Journals, London; Journal Society of Chemical Industry; Bulletin Societe de Chemie. We have for sale back copies of domestic and foreign publications. Address "J. Login & Son, 29 East 21st St., New York City."

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**WANTED**—Equipment for complete drug and chemical manufacturing plant. Send full details, location, lowest cash prices. Box 392, DRUG & CHEMICAL MARKETS.

**DRYER WANTED**—Preferably Gordon to take trays size 38½" wide. Must be in good condition and cheap. Address Box 394, DRUG & CHEMICAL MARKETS.

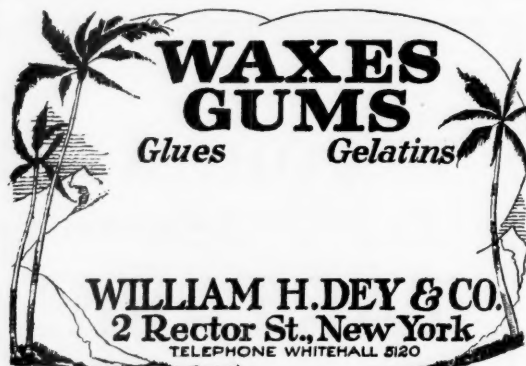
**FOR SALE—SERVICE.** Experienced chemist will undertake surveys of literature dealing with chemical subjects. The government libraries contain practically all information ever published. Why not have that concerning your particular problem assembled? "J. B. Flint, 1202 18th St., N. W., Washington, D. C."

**WANTED**—Kiefer Automatic Percolator 50-gallon capacity in good condition. Box 367 DRUG & CHEMICAL MARKETS.

**MACHINERY WANTED**—In the market to purchase pharmaceutical manufacturing equipment such as bottle filling machine, mixing tank, pump, bottle washer, percolators, ointment filling machine, laboratory glassware, and other manufacturing equipment; in replying give prices and descriptions. Address Box 313 DRUG & CHEMICAL MARKETS

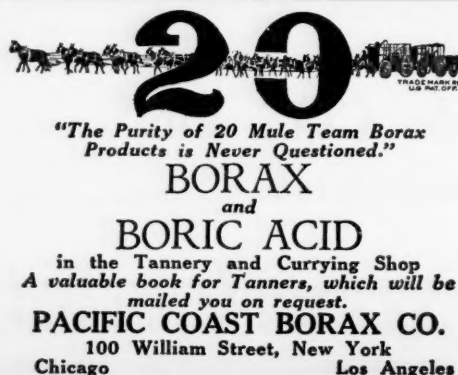
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and uniform  
quality."*

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**Caustic Soda**

**Bicarbonate of Soda**

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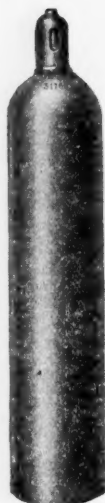
Tests are made at all stages of production. Michigan's laboratories have set rigid specifications.

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*General Sales Department*

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Plant: NIAGARA FALLS, N.Y.  
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 A Weekly Business Paper for Those Who Make, Sell, or Buy  
 Chemicals, Dyestuffs, Drugs, and Fatty Oils  
 ISSUED EVERY WEDNESDAY  
 Established 1914  
 VOLUME XVIII, No. 1

In This Issue How the Flexible By C. R. ...

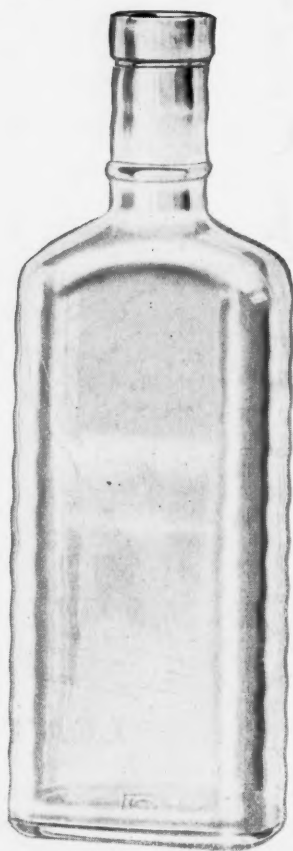
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